

19991010.qrp v01\_n604.qrl.991010

Date: Sun, 10 Oct 1999 19:03:05 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1604

QRP-L Digest 1604

Topics covered in this issue include:

- 1) [52667] Milliwatting the FISTS/PA QSO Party  
by Jim Hale <kj5tf@yahoo.com>
- 2) [52668] URL for S&S Engineering?  
by Nils R Young <nilsbull@juno.com>
- 3) [52669] Re: What is "Manhattan Style"?  
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 4) [52670] Re: solder .....  
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 5) [52671] Fwd: QRP Plus  
by Steve Hideg <Steve.Hideg.1@nd.edu>
- 6) [52672] K2 Mojo  
by Bob Patten <n4bp@bc.seflin.org>
- 7) [52673] MFJ 9240 FS or Trade  
by john <johnmb@mindspring.com>
- 8) [52674] Re: URL for S&S Engineering?  
by WCulbertsn@aol.com
- 9) [52675] Re: 40 meters  
by "Rod Cerkoney" <rwc@frii.com>
- 10) [52676] Re:reel to reel recorder/needed  
by RangerSF5@aol.com
- 11) [52677] Re: I smell a new name...  
by "KA5T Larry Wise" <lewise@inetport.com>
- 12) [52678] 40mtr noise resolved.... maybe?  
by hamjoel@juno.com
- 13) [52679] Re: Origins of Manhattan?  
by Jeff Furman <jfurman@ocs.net>
- 14) [52680] MULTIPLE RIG/KEY HOOKUP  
by "Scott Howell" <n3byy@yahoo.com>
- 15) [52681] Pacificon 99  
by Jerry Parker <jparker@fix.net>
- 16) [52682] OT: DRAKE TR-7  
by Pat Byers <pbyers@rttinc.com>
- 17) [52683] Anyone homebrew a QRP Carolina Windom for 40  
by Dana E Hager <dehager@ix.netcom.com>
- 18) [52684] Re: OT: DRAKE TR-7  
by James Skalski <jskalski@localnet.com>
- 19) [52685] OT: 80m beacon

- by "Nick Yokanovich" <n0ny@toad.net>
- 20) [52686] RE: Strange Noises  
by Brian Murrey <brian@iquiest.net>
- 21) [52687] RE: First....  
by Adrian Weiss <aweiss@usd.edu>
- 22) [52688] FOXHUNT: 10/12/99 Pre-Foxhunt QSO Party (fwd)  
by "Paul R. Valko" <prvalko@oakland.edu>
- 23) [52689] FOXHUNT:Pre Fox Hunt Bash  
by K10J <k10j@ditdit.com>
- 24) [52690] For trade  
by kc0bdw@webtv.net (Hal Schlotfeld)
- 25) [52691] miles per watt  
by kc0bdw@webtv.net (Hal Schlotfeld)
- 26) [52692] Updated NW QRP Club Page  
by "Bill Todd" <bill@willapabay.org>
- 27) [52693] Re: Origins of Manhattan?  
by Bill Meara <n2cqr@erols.com>
- 28) [52694] The OXO-Crystal Controlled Transmitter  
by charles k brown <n4so@juno.com>
- 29) [52695] Re: 40 meters  
by "Leo H Tsukada" <leo@netbeet.ne.jp>
- 30) [52696] AW: 80m beacon  
by DL2FI@t-online.de (Peter Zenker)
- 31) [52697] PC Board Tinning Solution  
by "Jerry Henshaw" <jhenshaw@bellsouth.net>
- 32) [52698] SPRAT 1-100 on CD available  
by DL2FI@t-online.de (Peter Zenker)
- 33) [52699] Re: MULTIPLE RIG/KEY HOOKUP  
by "Charlie Fitts" <cfitts@neca.com>
- 34) [52700] Re: MULTIPLE RIG/KEY HOOKUP  
by Ron Keener <rkeener@realtime.net>
- 35) [52701] Re: strange noises  
by w4pj@w4bkx.ampr.org
- 36) [52702] MRX40 info?  
by aa5yx@juno.com
- 37) [52703] MFJ HF 6-position Antenna/Transceiver Switches  
by charles k brown <n4so@juno.com>
- 38) [52704] My first QRP PSK31  
by "Dan W. Dooley" <dandooley@pipeline.com>
- 39) [52705] Re: Milliwatting the FISTS/PA QSO Party  
by Jim Hale <kj5tf@yahoo.com>
- 40) [52706] Re: MRX40 info?  
by mikemo@attglobal.net
- 41) [52707] Re: PC Board Tinning Solution  
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 42) [52708] Stable Capacitors  
by "Dan W. Dooley" <dandooley@pipeline.com>
- 43) [52709] Results 6th OQRP-CONTEST

by Michael <mike\_mhe@compuserve.com>  
44) [52710] PA QSO Party Crash  
by "Ron Polityka" <wb3aal@talon.net>  
45) [52711] WTB Drake AM filter  
by James Skalski <jskalski@localnet.com>  
46) [52712] WTB Ten Tec 297 noise blanker  
by James Skalski <jskalski@localnet.com>  
47) [52713] MFJ 941B ?  
by James Skalski <jskalski@localnet.com>  
48) [52714] Pre FOX Hunt QSO Party w/K0EVZ  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>  
49) [52715] FS: OHR-100A 20 meter rig for \$80.00  
by Danke Hirasawa <danke@scientist.com>  
50) [52716] Re: Anyone homebrew a QRP Carolina Windom for 40  
by Bob Edwards <w4ed@gis.net>  
51) [52717] Re: miles per watt  
by "Rod Cerkoney" <rwc@frii.com>  
52) [52718] Trade R/C unit for QRP  
by James Skalski <jskalski@localnet.com>  
53) [52719] Swap MFJ9040 for 20 meter QRP xcvr  
by WB9MII@aol.com  
54) [52720] Re: Stable Capacitors  
by David Hinerman <dlh1009@ritvax.isc.rit.edu>  
55) [52721] Re: I smell a new name ...  
by "Harley L. Miller" <hmiller@sound.net>  
56) [52722] Re: Stable Capacitors  
by "John J. McDonough" <jjmcd@tm.net>  
57) [52723] Re: PC Board Tinning Solution  
by "Jay Bromley" <w5jay@alltel.net>  
58) [52724] CB TO VHF?UHF???  
by RangerSF5@aol.com  
59) [52725] Re: [psk31] My first QRP PSK31  
by Charles Greene <cgreene@loa.com>  
60) [52726] Re: Origins of Manhattan?  
by "George T. Baker" <w5yr@swbell.net>  
61) [52727] Re: I smell a new name  
by "Dave Benham" <dodgeboy@mindspring.com>  
62) [52728] Re: Origins of Manhattan?  
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>  
63) [52729] Re: I smell a new name ...  
by DOCKROCK1T@aol.com  
64) [52730] Re: Origins of Manhattan?  
by KD1YV <kd1yv@mindspring.com>  
65) [52731] Re: Origins of Manhattan?  
by crc <crc@io.com>  
66) [52732] 3V8BB via F6FNU  
by osier <osier@northnet.org>  
67) [52733] SV: 3V8BB via F6FNU

by "Hans Sundstrom" <hans.sundstrom@telia.com>  
68) [52734] RE: FISTS, K2  
by Gary L Surrency <gsurrency@juno.com>  
69) [52735] QRPacificon Compendiums arrive from the printers.  
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
70) [52736] Thanks  
by Robert P Engelman <rengelwb8uoj@juno.com>  
71) [52737] Re: 80m beacon  
by Anita och Lars Olsson <anita.lars.olsson@telia.com>  
72) [52738] Milliwatting in the PA QSO Party  
by Larry Cahoon <wd3p@juno.com>  
73) [52739] Paper chases & contest calendars  
by Nils R Young <nilsbull@juno.com>  
74) [52740] HP 200CD sig gen for trade  
by James Skalski <jskalski@localnet.com>  
75) [52741] SB-104, milliwatting  
by Andy C Meng <andymeng@juno.com>

---

Date: Sat, 9 Oct 1999 16:07:32 -0700 (PDT)  
From: Jim Hale <kj5tf@yahoo.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [52667] Milliwatting the FISTS/PA QSO Party  
Message-ID: <19991009230732.19344.rocketmail@web705.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Band condx were pretty decent for awhile here and then  
fell apart in the afternoon. 20 & 15M did pretty good.

But I was able to get 3 states with single digit mW  
power!

NJ 9mW was 32mW  
PA 5mW was 18mW  
VA 9mW was 17mW

That will be helpfull getting my WASTP below 1w, but  
still need KS, and NE.  
Amd to reduce some states like IA 150mW and RI 100mW,  
etc.  
72/3's and sometimes 71's de Jim KJ5TF

=====

---

Do You Yahoo!?

Bid and sell for free at <http://auctions.yahoo.com>

-----  
Date: Sat, 9 Oct 1999 19:00:55 -0400  
From: Nils R Young <nilsbull@juno.com>  
To: QRP-L@lehigh.edu  
Subject: [52668] URL for S&S Engineering?  
Message-ID: <19991009.190303.-794249.0.nilsbull@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Gang,

I was wandering around the web the other day after having read the QRP-L stuff & wanted to check out the S&S Engineering site. I usually get there through the NorCal page links. But when I smacked on the link line, I got one of those messages that you never read but you know what they mean anyway. Something about unable to locate or connect or something.

Or has the URL changed & I ain't gotten hip to it yit?

73

Nils

. . . man, if there's any more activity (legal & otherwise) on 10 & 12m, I may have to find more free time to play around up there . . . PYs in QSO with JAs . . . European stations & Asia . . . hearing both sides of the conversation . . . it's gettin' good!

-----  
Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

<http://home.fiberia.com/wb8ijn> -- WB8IJN --

<http://members.xoom.com/nilsbull>

"In my day you had to FIGHT to have oligarchs! Every day was a STRUGGLE!

-- Comrade Sergei Nikolaevich McTovarishov --

-----  
Get the Internet just the way you want it.

Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Sat, 09 Oct 1999 19:30:45 -0400  
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>  
To: qrp-l <qrp-l@lehigh.edu>

Subject: [52669] Re: What is "Manhattan Style"?  
Message-ID: <37FFD025.E4C73114@rit.edu>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT

Randy Jouett wrote:

> > Just the generic name for super glue makes me cautious -  
> > "cyanoacrilate." Another caution - don't get large quantities on hour  
> > skin (like by squeezing a tube until it bursts). Besides the obvious  
> > problems, it gets hot when it sets. (Found out the hard way.)  
>  
> It is possible with sufficient heat that cyanoacrilate could break  
> down and form cyanide gas, but it's pretty unlikely. As long as  
> you don't smell almonds, then you're ok. As a safety precaution,  
> we'd probably be much better off removing a window pane,  
> replacing it with a piece of Plexiglas, mounting a 200-300 CFM  
> fan on the thing, and blowing the fumes "out" of the house.

Randy,

I've smelled the result of "burned" super glue (with a soldering iron)  
and it's quite acrid, but doesn't smell like almonds. More like ammonia.  
Burns the eyes and sinuses like ammonia, too.

> Bill mentioned blowing a fan across the bench. IMHO, this might  
> lead to cold solder joints, causing the joint to crystallize. With  
> the "muffin fan in the window idea," not only do we get the  
> benefit of getting poisonous solder fumes out the house, we also get  
> other junk like battery and solder fumes out of the house, too,  
> where they belong :^).

Venting outside the house is the best idea, but when I was a tech the  
standard procedure was to use a muffin fan on the bench blowing AWAY  
from the work while soldering. It would draw away rosin smoke, lead  
vapor, and all the other nasties without causing a direct stream to cool  
the work excessively or interfere with parts positioning.

Dave

--

Dave Hinerman WD8CIV  
Ontario, NY Grid FN13if  
dlh1009@rit.edu

-----

Date: Sat, 09 Oct 1999 19:32:25 -0400

From: David Hinerman <dlh1009@ritvax.isc.rit.edu>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [52670] Re: solder .....  
Message-ID: <37FFD088.BEECE9D1@rit.edu>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT

K2UD@aol.com wrote:

>  
> Using the same idea, for years I've wound solder up and stuffed it into  
> prescription bottles. Poke a hole through the cap, and pullit! I wind it  
> around a big magic marker or a small piece of PVC.

Howard,

A plastic 35mm film can did the same service here, and it fit in the TI  
calculator case I used for a field tool kit.

Dave

--

Dave Hinerman WD8CIV  
Ontario, NY Grid FN13if  
dlh1009@rit.edu

-----  
Date: Sat, 9 Oct 1999 18:35:17 -0500  
From: Steve Hideg <Steve.Hideg.1@nd.edu>  
To: qrp-l@lehigh.edu  
Subject: [52671] Fwd: QRP Plus  
Message-ID: <v04210102b42581950558@[192.168.1.1]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Can anybody help this guy?

++Steve

>From: "MICHELE ZAMUNARO" <mizamun@tin.it>  
>To: <feedback@qrp.cc.nd.edu>  
>Subject: feedback  
>Date: Sat, 9 Oct 1999 13:11:40 +0200  
>X-Priority: 3  
>  
>Dear Sirs,  
>my qrp-plus #1034 has breaked during a storm. Only one (how to say) ...

>flash (?) at 3 Km. of distance has destroyd the front-end.  
>Can I send you for repair it? In Italy I have not found a serious laboratory  
>who can made.  
>I will pay with Visa-card, do you accept?  
>Thank for answer.  
>  
>IK3ITS Claudio Zamunaro  
>Via Malpensa 2  
>36030 CALDOGNO (Vicenza) - Italy  
>  
>e-mail mizamun@tin.it  
>best 73  
>

-----  
Date: Sat, 9 Oct 1999 20:15:12 -0400 (EDT)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: Elecraft Reflector <elecraft@qth.net>, QRP-L Reflector <qrp-l@lehigh.edu>  
Subject: [52672] K2 Mojo  
Message-ID: <Pine.3.89.9910092013.A1136-01000000@bc.seflin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just came across JT1DA in Mongolia running a big pileup on 21.025 split.  
Found where he was listening and got him on the fifth try running the K2  
at five watts... Time: 00:10Z and he's still runnin' 'em.

73,

Bob Patten, N4BP ( 0 0 ) Plantation, FL  
-----o00o-( )-o00-----

E-Mail: n4bp@bc.seflin.org  
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>  
Brass Pounder BBS: (954) 472-7715

-----  
Date: Sat, 09 Oct 1999 20:10:52 -0400  
From: john <johnmb@mindspring.com>  
To: qrp-l@Lehigh.EDU  
Subject: [52673] MFJ 9240 FS or Trade  
Message-ID: <3.0.3.32.19991009201052.00c5636c@mindspring.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

For Sale or Trade



MFJ QRP SSB Transceiver. Excellent condition with manual and MFJ mic. Would be open to offers or interesting Boatanchor trade.

73

John WB50AU/4  
johnmb@mindspring.com

-----  
Date: Sat, 9 Oct 1999 20:28:33 EDT  
From: WCulbertsn@aol.com  
To: qrp-l@lehigh.edu  
Subject: [52674] Re: URL for S&S Engineering?  
Message-ID: <0.1496b4b9.253137b1@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Try this URL for S&S Engineering:

<http://raven.metric.net/sseng/index.shtml>

Bill KA9ZBN Springfield IL EM59et ARRL/Life QRP-L #1979

-----  
Date: Sat, 9 Oct 1999 18:43:57 -0600  
From: "Rod Cerkoney" <rlwc@frii.com>  
To: <rengelwb8uoj@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [52675] Re: 40 meters  
Message-ID: <006601bf12b8\$8b5a5a20\$108711d8@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Robert et.al.

----- Original Message -----

From: Robert P Engelman <rengelwb8uoj@juno.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Saturday, October 09, 1999 7:31 PM  
Subject: 40 meters

..

> for the contest. My question is where is everybody that's NOT in

the

> contest at ??? Sure, 7040 is jammed but there seems to be many open  
spots  
> in the band for a regular contact QRP or otherwise. I haven't  
gotten on

When the bands are jammed with contesters, and I don't wish to play, I  
head for 30M or 17M. Plenty of good rags to chew there. DX was pretty  
good on 30M last night. I worked OM2EY, Slovakia. :-) But, I need 7 or  
8 watts :-( I tried at 5, he heard me, got part of my call...but just  
could quite pull me in.

...

> BTW, what exactly is FISTS, who are they, and how does one get  
info on  
> joining if that's their desire ?  
>

The International Morse Code Preservation Society--A whole lotta people  
who enjoy Morse Code! You can get all you want to know, and probably  
more at: [www.fists.org](http://www.fists.org) BTW they are a QRP friendly organization.

---

72/3 Rod, N0RC FISTS Member # 6254  
da di dah

-----

Date: Sat, 9 Oct 1999 20:56:12 EDT  
From: RangerSF5@aol.com  
To: qrp-l@lehigh.edu  
Subject: [52676] Re:reel to reel recorder/needed  
Message-ID: <0.202fa515.25313e2c@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hi gang,  
about two weeks ago I made a post looking for reel to reel recorder.  
I had many reply.  
One person went so far as to give the size of the box,weight,shipping fee  
from his zip code to mine.  
I mailed him and never did get a response.  
So I'm still in the market for a reel to reel tape player/recorder.  
Rather not have one with tubes because most of them I looked at have dried  
out filter caps plus tubes are hard to get.

I have one here and it has a bad hum.  
So if anyone has one and not using it, it sure will have a good home here.  
I also have qrp rigs that I may consider for a trade.  
Please \*E\* mail direct.  
Thank You  
Bob  
WA2HOQrp <tm>

-----  
Date: Sun, 10 Oct 1999 01:07:18 +0100  
From: "KA5T Larry Wise" <lewise@inetport.com>  
To: "qrp" <qrp-1@lehigh.edu>  
Subject: [52677] Re: I smell a new name...  
Message-ID: <199910100106.UAA23219@admin.inetport.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

And of course....

Ya got ur Tall Tuna - 9 oz - 750 mw

: -)

Larry KA5T

-----  
Date: Sat, 9 Oct 1999 21:50:51 -0400  
From: hamjoel@juno.com  
To: qrp-1@lehigh.edu  
Subject: [52678] 40mtr noise resolved.... maybe?  
Message-ID: <19991009.215208.-214457.1.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

High Y'all again...

I wasn't gonna say anthin....but about a year ago my cajun mama took on a top secret job for the military... I also noticed she took along the family's top secret recipe for her special cajun "everything in it gumbo".

Now if the military is serving that to their personell then I can tell u for sure, there gonna be strange noises coming from the military...

'specially if they is serving this in qro quantities....

WHICH BRINGS ME TO MY TOPIC OF CHOICE.... HEY ALASKA..... ALASKA....

QRZ ALASKA... U OUT THEIR ALASKA????

i PUT UP MY NEW two ele yagi in record time ....about one hour.... the other day and have the thing pointed at ALASKA.. Alaska is about the only state I haven't worked ssb/qrp from heah at my new qth.... no problems at all with this ant ... guess my cajun mom blasted them trees into submission... hee hee.... I also got a shinny new 14ft closet rod on one end... :-)

I can operate any time ALASKA wants to operate... 40mtr ssb .... heck I'll even go cw but would preferr ssb.... or even sstv.... no qsl card necessary .... just soes I do it...

I'll start work on was qrp 40mtrs cw a bit later on and maybe collect qsl cards ... on that.... right now I just want to work ALASKA on forty meters ssb.... it that too much to ask? it there not mercy for a poor displaced cajun lad what's trying to please his cajun mama? Is there not an ALASKAN op with a warm hart... for us cajun lads...

Joel KE1LA

In Maine

---

Get the Internet just the way you want it.

Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

---

Date: Sat, 9 Oct 1999 19:11:30 -0700 (PDT)

From: Jeff Furman <jfurman@ocs.net>

To: qrp-l@lehigh.edu

Subject: [52679] Re: Origins of Manhattan?

Message-ID: <Pine.LNX.4.04.9910091835180.31712-100000@ocs.net>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I first heard of the term "manhattan distance" studying artificial intelligence techniques in the late '70s. The problem is that for ai searches, the distance between vectors needs to be computed very often. The usual euclidean distance, the square root of the sum of the squares of the coordinate differences, is much too costly. The crude (quick and dirty) approximation is just add up the magnitudes of the differences. This is the same as the distance a manhattan cab travels between points on the square grid of manhattan streets. The image this invokes in my mind is the technique of using square corners and straight parallel leads between the various pad connections and components. This a big difference from the random 'haywire' wiring I use for prototypes.

So, I think 'manhattan' means square corners, on a square grid, rather than the use of any particular kind of supporting pads stuck on a substrate. I agree that construction on/over a ground plane is good practice to reduce stray coupling and provide good grounding, regardless of the neatness or lead support method.

73, Jeff KD6MNP

-----  
Date: Sat, 9 Oct 1999 21:43:21 -0400  
From: "Scott Howell" <n3bby@yahoo.com>  
To: <QRP-L@lehigh.edu>  
Subject: [52680] MULTIPLE RIG/KEY HOOKUP  
Message-ID: <000901bf12c9\$55d03c60\$b861b683@HQ.NASA.GOV>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

oK, i KNOW THIS ISSUE WAS BEATEN TO DEATH SOMETIME BACK. HOWEVER, WAS WONDERING IF THIS ANIMAL IS ALREADY OUT THERE OR WOULD i NEED TO BUILD IT MYSELF.

oF COURSE ANY THOUGHTS ON CONSTRUCTION IS WELCOME.

WHAT i WANT IS A BOX THAT i CAN CONNECT AT LEAST 3 RIGS TOO, MY KEYER, HANDKEY, AND BUG, AND THEN FEED ONE ANTENNA SWITCH. WHY ONE SWITCH? WELL GOT 3 ANTS AVAILABLE TO ME AND WOULD LIKE TO HAV THE ABILITY TO USE ANY OF THE THREE.

oK, ANY THOUGHTS ARE APPRECIATED. i AHVE THE IDEA IN MY MIND, BUT NOT SURE HOW BEST TO APPROACH THE PROBLEM. WHAT PITFALLS MIGHT BE WAITING AND WELL i AIN'T SO HOT WITH SOLDERING SO239 AND THAT IS WHAT i'D NEED.

yEAH, QRP AND QRO CAPABILITY. oK, i KNOW SHOULDN'T SAY QRO ON A QRP LIST, BUT THINK OF IT THIS WAY. i GOT TWO REALLY FINE QRO RIGS THAT DO QRP, BUT THEY GOT QRO PLUGS ON THEM AND i WOULDNT' DARE CHANGE THEM.

TNX

73 de Scott/n3bby  
Laurel MD  
Fists #5030 . Qrp-l #1689  
for immediate response, send mail to n3bby@amsat.org

-----

Do You Yahoo!?

Bid and sell for free at <http://auctions.yahoo.com>

-----  
Date: Sat, 09 Oct 1999 20:07:34 -0700  
From: Jerry Parker <jparker@fix.net>  
To: qrp-1@LeHigh.edu  
Subject: [52681] Pacificon 99  
Message-ID: <3.0.6.32.19991009200734.00b04310@fix.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Would you believe the list has topped 100, preregistered  
for NorCal's Pacificon QRP Symposium badges.

If your going to be there and would like a badge please email  
me and let me know. Lori, N6WGC will make a special badge  
for you!

Email: jparker@fix.net

Here is the list as I have it. If you know someone I have missed  
please let me know.

1. Jim Cates, WA6GER
2. Doug Hendricks, KI6DS
3. Jerry Parker, WA6OWR
4. Paul Harden, NA5N
5. Mike Gipe, K1MG
6. Dick Pascoe, G0BPS
7. Jim Kortge, K8IQY
8. Jim Duffey, KK6MC/5
9. Joe Everhart, N2CX
10. Doug Hauff, KE6RIE
11. Mary Cherry, NA6E
12. Norm Melick, KQ6SD
13. Veda Henson, KF6JHC
14. Chuck Adams, K7Q0
15. Bill Jones, KD7S
16. Bob Okas, W3CD
17. Russ Dow, N7DW
18. Gody Siason, AC6UV
19. Bob Cortez, KF6CXC
20. Sam Imai, KF6ML
21. Paul Maciel, AK1P

22. Jeff Grudin, AC6KW
23. Bob Hightower, KI7MN
24. Bertie Hightower, N7XJW
25. Ron Baldwin, K6EXT
26. Jim Lowman ,AD6CW
27. Judy Ann Lowman, W6YBS
28. Rich Vizcarra, K6TM
29. Mike Wood, K6MW
30. Ron Smith, KE6RS
31. Brian Kassel, W5VBO
32. Dave Fifield, AD6A
33. John Moriarity, K6QQ
34. Jeff Jones, AB6MB
35. Glenn Menard, W6KI
36. Dave Epps, AB5PC
37. Edna Epps, KF6JSL
38. Eric Swartz, WA6HHQ
39. Lerma Swartz, KD6ANH
40. Wayne Burdick, N6KR
41. Scott King, AH6KL
42. Denis Englander, K06GF
43. Matt Clark, KC6VSR
44. Sam Vigil, WA6NGH
45. Monte Waite, WA6JYB
46. Keith Norrell, W5JBT
47. Chuck Boblenz, AD6GI
48. George Heron, N2APB
49. Jeff Davis, N9AVG
50. John Dundas, W6SU
51. Pete Hoover, W6ZH
52. Joel Neal, KC7UBP
53. Dan Watson, AC6PI
54. Betty Soucy, NY6A
55. Courtney L. Flatau, AJ6Z
56. Ward Hill, N1IE
57. Ed Loranger, WE6W
58. Jim Stafford, W4QO
59. Marilyn Stafford, K4ZOL
60. William Phinizy, K6WHP
61. William Chambers, K6BNC
62. Arth Silvers, W6AGS
63. Brian Shiratsuki, N6SXT
64. Bob Tellefsen, N6WG
65. Dave Meacham, W6EMD
66. Randy Foltz, K7TQ
67. Gary M. Diana, N2JGU
68. Jan Medley, N0QT
69. Jay Bromley, W5JAY,

70. Monte Stark, KU7Y
71. Allan Taylor, K7GT
72. Mike Schettler, WA6MER
73. Steve Smith, WB6TNL
74. John Kitchens, NS6X
75. Gerry Elam, K1LR0
76. Rich Stiebel, W6APZ
77. James Bennett, KA5DVS
78. Dave Willey, KD6KWM
79. Mike Ter Sarkissoff, N6DBZ
80. Sig Stevens, AC6UJ
81. Larry Wise, KA5T
82. Dan Winkler, N7IVR
83. Monte Midkiff, N7TAU
84. Mineyuki "Mike" Hanano  
JR7HAN / KK7RN
85. Randy Fox, W6JZE
86. Frank Fahrlander, N7FF
87. Mitch Louis, WW4ML
88. Richard Stamile, KG2ED
89. Jeff Furman, KD6MNP
90. Gary Davey, N6VZ
91. Cam Hartford, N6GA
92. Ori Mizrahi Shalom, AC6AN
93. Steve Cates, KC6TEV
94. Mark Cherry, WT6P
95. Mick, Ishmael, WD8MNV/6
96. Wayne McFee, NB6M
97. Jack Lewalski, W6ABC
98. Sig Nubla, AC6JC
99. Rick Taven, N6XI
100. Bob Kimbrell, AC7BN
101. Verne Wright, W6MMA
102. Doug Wilson, K6RPN
103. Vic Black, AB6SO
104. Steve Schroder, KI0KY
105. Randy Tomer, W6RA
106. Dave Yarnes, W7AQK
107. Darrel Jones, WD6BOR

What a great time we are going to have with the ALLSTAR LINEUP which includes Dick Pascoe G0BPS, Paul Harden NA5N, Mike Gipe K1MG, Jim Kortge K8IQY, Jim Duffey KK6MC/5, and Joe Everhart N2CX for speakers.

There is much much more happening so check out the



NorCal Page for the info:

<http://www.fix.net/norcal.html>

C U THERE !

72,,,Jerry...WA6OWR...K

-----  
Date: Sat, 09 Oct 1999 21:06:23 -0600  
From: Pat Byers <pbyers@rttinc.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, Multiple recipients  
of list QRP-CANADA <qrp-canada@lists.gpfn.sk.ca>  
Subject: [52682] OT: DRAKE TR-7  
Message-ID: <4.2.0.58.19991009210034.009bdb80@mail.rttinc.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi all,

I'm hoping someone here will be able to help me.

I just purchased a Drake TR-7 (not TR-7A) from the estate of a friend and haven't even had the chance to hook it up yet. I'm wondering about two things:

1. Can it be run at QRP levels?
2. Can it be made to transmit on the WARC bands (30m, 17m, and 12m)?

Unfortunately, I was unable to get the manuals so I'm flying blind. Any help would be greatly appreciated.

73,

Pat Byers, VE6AAN  
Lacombe, AB

In Memory of VE6TE, <http://www.qsl.net/sara/ve6te.htm>

-----  
Date: Sat, 09 Oct 1999 23:30:16 -0700  
From: Dana E Hager <dehager@ix.netcom.com>

To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
Subject: [52683] Anyone homebrew a QRP Carolina Windom for 40  
Message-ID: <38003278.597FA547@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I am trying to install an 40m antenna in the apartment I am currently at. The Carolina Windom 40 is just about right, 66' (one tree in the right spot!) and being an OCF it will allow me to hide the coax along a tree to the house. The radio Works version is really nice but it is way to big (obvious).

Has any one experimented with making QRP size balun and line isolator for an OCF antenna? Also, the W6SAI Antenna Handbook suggests using a 4:1 balun but Radio Works suggests a 6:1 for an OCF (apparently the one they sell with the Carolina is somewhere in-between). Any information would be appreciated.

Dana E Hager

-----  
Date: Sat, 9 Oct 1999 23:24:10 -0400 (EDT)  
From: James Skalski <jskalski@localnet.com>  
To: Pat Byers <pbyers@rttinc.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [52684] Re: OT: DRAKE TR-7  
Message-ID:  
<Pine.LNX.4.04.9910092321180.2453-1000000@valhalla.valhalla.buffalo.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Pat  
check out this site <http://www.qsl.net/n9bor/>

It has the info you need.

73,

Jim n2go

-----  
Date: Sun, 10 Oct 1999 00:01:16 -0400  
From: "Nick Yokanovich" <n0ny@toad.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [52685] OT: 80m beacon  
Message-ID: <009201bf12d4\$1adb2740\$f87296d1@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Does anyone have info on a beacon SXA 33 transmitting on 3712 KHz?

Nick K3NY

-----  
Date: Sat, 09 Oct 1999 23:11:18 -0500  
From: Brian Murrey <brian@iquest.net>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [52686] RE: Strange Noises  
Message-ID: <380011E6.A7F84302@iquest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Then again, it might just be some guy in Newfoundland, with a messed up garage door opener.

Randy Jouett wrote:

>  
> Gang,  
>  
> Let's be logical about this situation. With 30 distinct  
> carriers and the width of the signal, this is more than  
> likely a over-the-horizon radar test and should be  
> classified as the Y2K woodpecker. Isn't it amazing  
> that for the past 20 years we've had this type of  
> signal every time the sunspot cycle is moving toward  
> its maximum?  
>  
> Also, doesn't it make sense that the new woodpecker  
> would be digital? 30 distinct carriers would have a  
> definite advantage, possibly allowing them to make  
> up for some phase distortion by calculating returns  
> based on 30 carriers. HMMM.  
>  
> Also note that the we'll probably hear from the FCC  
> or some other government that "we're looking into it  
> and will get back to you when we have more info."

> Yeah! Right! Sure!

>

> Also, do you think that the military forces of the  
> world don't have a clue about this signal and aren't  
> analyzing the crapola out of the thing, throwing  
> massive amounts of computer time into the  
> deciphering of this signal? I don't know about you,  
> but if I was a military dude that didn't know what in the  
> heck that signal was, I would have some major resources  
> thrown at the analysis of this signal, looking for answers  
> around every corner.

>

> The "only" people with the audacity and capability  
> to put that signal on the air and "stay" on the air  
> is the military. Also note that we weren't informed  
> by any government that this signal was going to be  
> on the air. If it's not the US or an Allie doing this, than  
> you can't bet your last buck that we'll hear something  
> from them shortly, unless they say the topic is classified  
> and want the signal to continue so that they can try to  
> decrypt the thing.

>

> Also note that with 30 distinct binary pulses,  
> the signal could be a bit stream of encoded  
> data. Not likely, but possible, and a 30-KHz  
> wide signal would surely increase the bit rate.

>

> Also take into consideration that it might be an  
> allie doing this and that they've "already" gotten  
> in touch with our government and told them that  
> this "test" was only going to use brief transmissions  
> and last for a few weeks or months.

>

> Also note that this signal could be used as a digital-imaging  
> sonar system. I've worked in the NDT (non-destructive testing)  
> field (drill-pipe inspection), and have designed systems that are  
> very similar to the type of signal that we are hearing on the  
> bands. It was in the ultra-sonic portion of the spectrum and  
> done at close range. The first thing off the top of my head is  
> that ths HF signal would be good at penetrating temperature-inversion  
> zones in water, and could be used to display 3D, topographical  
> maps, including 3D pictures of anything in the water between the  
> signal source and the ocean floor. Read: submarine location.

>

> This "buzzsaw" signal is located in portions of the HAM bands.  
> Why would someone want to transmitt a signal like this where  
> the majority of the HF listening takes place? That would be  
> pretty damn stupid -- wouldn't it? -- unless their was some

> long-term goal, like blaming the signal on hams or using our  
> signals to cover up their long-distance data stream, giving  
> them a slightly better chance at remaining hidden, botching  
> others deciphering capabilities. So, what that in mind, maybe  
> this signal is meant to be a short-distance event, and their  
> using us to cover their tracks?  
>  
> >>From the reported signal location, we should also consider  
> that this signal might be coming from naval vessels, which  
> means that it could be just about any government in the  
> world doing this, but more than likely its one of the major  
> powers in the world, which would mean us, our allies, or  
> the people we don't see eye-to-eye with. If its the former,  
> the only reason we would allow something like this to take  
> place and disrupt communications is that we or our allies  
> have agreed to an exchange of data, and the long-term  
> gains, as far as military defense is concerned, could be  
> enormous. This is the only reason I can see the FCC or  
> some other government being told to tolerate this interference.  
> If it's the latter, then why wouldn't we be hearing complaints  
> from one of these governments? HMMM.  
>  
> Speaking of the FCC, is it just me, or do any of you find  
> kind of weird that the FCC or any other government  
> communications controller didn't have the location of this  
> signal plotted to its source in less than 10 seconds?  
> This is the day and age of high technology, gang, and I  
> find it VERY hard to believe that the FCC doesn't know where  
> this signal is coming from down to the last foot, and I'm sure  
> that a lot of you find this curious, too! HMMM.  
>  
> Anywho, what this all boils down to is this: There isn't a dog-on  
> thing that we are going to be able to do about this signal as  
> amateurs, so we're probably going to be screwed for a couple of  
> months if not a year or two. We should all complain to the FCC  
> and our government-controlled communications commissions,  
> speak out verbally and harshly, which could possibly deter the  
> military from using HF as a radar source, digital communications  
> bit stream, 3D-imaging system, or whatever they have planned.  
>  
> Just my 2 cents on this subject.  
>  
> 72/73,  
> ----  
> Randy Jouett, AB5NI  
--

=====  
KB9BVN -NORCAL #2792 FISTS #5695 QRP-L #1540

39.558 N 86.095 W Johnson Co., Indiana  
GRID: EM69WN - NORCAL 40A - Attic Dipole - 1.5w  
Proud to be a member of the American Radio Relay League  
Foxhunting Team UNDERDOG - Underdog #4  
FISTS Century Club #764 - FISTS QRP Century Club #24  
=====

-----  
Date: Sat, 9 Oct 1999 23:58:20 -0500 (CDT)  
From: Adrian Weiss <aweiss@usd.edu>  
To: qrp-l@lehigh.edu  
Subject: [52687] RE: First....  
Message-ID: <Pine.SOL.4.03.9910092357090.5279-1000000@sunburst.usd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi gang -- sorry for the bandwidth, but I just had DK3BN  
tailgate me on 30m! Worked OM7AA/MM west of XE, and  
then DK3BN called me! progress....?

72, ADe

-----  
Date: Sun, 10 Oct 1999 01:29:21 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: QRP List <qrp-l@lehigh.edu>  
Subject: [52688] FOXHUNT: 10/12/99 Pre-Foxhunt QSO Party (fwd)  
Message-ID: <Pine.OSF.3.95.991010012819.30053A-1000000@saturn4.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

This Tuesday evening (in the US) hounds are encouraged to look for our  
official QRP-L foxii around the official QRP calling frequencies.

Foxii will try to spread out and will report to QRP-L regarding times and  
frequencies of operation. Hounds ONLY work foxii, Foxii only work hounds,  
Only FOX stations call CQ FOX. Hounds, please hunt and peck.

Oh... momma fox may make an appearance too... I'll call CQ Fox - what the  
heck, I make the rules up as I go along, or so I've been told.

Please post results to QRP-L with the typical FOXHUNT filter in the  
subject line.

Good Luck!!!

Mom

Foxhunt website <http://www.acs.oakland.edu/~prvalko/foxhunt.htm>

73! =paul= W8KC

Collector of Ten\*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Sun, 10 Oct 1999 00:43:15 -0500  
From: K10J <k10j@ditdit.com>  
To: QRP-L Discussion <qrp-l@Lehigh.EDU>  
Subject: [52689] FOXHUNT:Pre Fox Hunt Bash  
Message-ID: <021801bf12e2\$5957d320\$3cb83ed8@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

Howdy Hounds...

Tuesday evening I will be gettin' warmed up for the season. I will be somewhere above 7.040 about 0000z calling CQ Fox and looking for as many Hounds as I can find. Jump in and work us all. Test that fox finding 7/32 double extended phased array and lets see what the bands will do!

OJ---K10J

Fox#1 QRP-L#732

dit dit

..

-----  
Date: Sun, 10 Oct 1999 01:05:09 -0500 (CDT)  
From: kc0bdw@webtv.net (Hal Schlotfeld)  
To: qrp-l@Lehigh.EDU  
Subject: [52690] For trade  
Message-ID: <1098-38002C95-17010@storefull-211.iap.bryant.webtv.net>  
Content-Disposition: Inline  
Content-Type: Text/Plain; Charset=US-ASCII  
Content-Transfer-Encoding: 7Bit

MIME-Version: 1.0 (WebTV)

I have the following items for trade. There not QRP related but the oscilloscope could be usefull.

1. An HTX-404 The RS 440 H/T there's Very little 440 activity here in Neb. It includes manual, Rechargeable battey pack, alkaline battey pack, the wall wart charger. I think I still have the box but not shure.

2. The RS Oscilloscope probe. I have the pc cord, the two little hook things, battery clips, and software. This is the one they discontinued and now its a special order item. "I don't have the box and manual for it."

What I would really like to trade one or both of them for is an Antenna tuner, or some Qrp gear.

If you have any questions e-mail me direct.

73's Hal

-----  
Date: Sun, 10 Oct 1999 01:36:05 -0500 (CDT)  
From: kc0bdw@webtv.net (Hal Schlotfeld)  
To: qrp-1@Lehigh.EDU  
Subject: [52691] miles per watt  
Message-ID: <1099-380033D5-11744@storefull-211.iap.bryant.webtv.net>  
Content-Disposition: Inline  
Content-Type: Text/Plain; Charset=US-ASCII  
Content-Transfer-Encoding: 7Bit  
MIME-Version: 1.0 (WebTV)

I have a question on the 1000M per watt award how does one figure the distance? Do you use the Great Circle or something else. If you do use the Great Circle method how do I go about getting one? Tnx.  
Hal

-----  
Date: Sun, 10 Oct 1999 01:48:37 -0700  
From: "Bill Todd" <bill@willapabay.org>  
To: <nwq-1@scn.org>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [52692] Updated NW QRP Club Page  
Message-ID: <000c01bf12fc\$3f75b340\$d8added1@bill>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit



Hello folks -

Our mystery transcriber has completed the latest transcription of Wes, W7ZOI's comments at the SEAPAC QRP Forum from this past summer. You will see a link to his talk on the front page of my personal web site.

There are a few other changes too, including a page dedicated to the "Battlezone" Internet game program that I have been playing since last Christmas.

I hope you all like the changes I have made.  
Have fun and catch you on the air...

Bill-N7MFB

The address for my web site is found at the bottom of this message  
<http://www.willapabay.org/~bill>

-----  
Date: Sun, 10 Oct 1999 09:32:44 -0400  
From: Bill Meara <n2cqr@erols.com>  
To: qrp-l@Lehigh.EDU  
Subject: [52693] Re: Origins of Manhattan?  
Message-ID: <199910100934.FAA17572@smtp4.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>Date: Sun, 10 Oct 1999 09:32:07 -0400  
>To: jfurman@ocs.net  
>From: Bill Meara <n2cqr@erols.com>  
>Subject: Re: Origins of Manhattan?  
>  
>At 07:11 PM 10/9/99 -0700, you wrote:  
>... The image this  
>>invokes in my mind is the technique of using square corners and straight  
>>parallel leads between the various pad connections and components. This a  
>>big difference from the random 'haywire' wiring I use for prototypes.  
>>So, I think 'manhattan' means square corners, on a square grid, rather  
>>than the use of any particular kind of supporting pads stuck on a  
>>substrate. I agree that construction on/over a ground plane is good  
>>practice to reduce stray coupling and provide good grounding, regardless  
>>of the neatness or lead support method.  
>>73, Jeff KD6MNP

>

>Jeff: That's got to be it. My understanding of the term didn't really fit. In profile the board looks more like Peoria! But viewed from above you see the Manhattan-like grid. Let's see... 5th Avenue could be the +12 volts, Broadway is the ground...

>

73 de N2CQR  
Bill Meara, Falls Church, Virginia  
n2cqr@erols.com  
<http://www.erols.com/wmeara>

-----  
Date: Sun, 10 Oct 1999 05:41:34 EDT  
From: charles k brown <n4so@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [52694] The OX0-Crystal Controlled Transmitter  
Message-ID: <19991010.093939.3087.1.n4so@juno.com>

The OX0 is a 3 transistor crystal controlled transmitter with a 2N3866 in the final stage. A multi-channel version allows you to switch 4 different crystals to control the frequency. Some parts are not supplied such as the low pass filter. Please see the catalog for details.

Kanga US  
Bill Kelsey - N8ET  
3521 Sprint Lake Dr.  
Findlay, OH 45840  
419-423-4604  
kanga@bright.net  
[www.bright.net/~kanga/kanga/](http://www.bright.net/~kanga/kanga/)

Ken Brown N4SO  
Mobile, AL/EM50tk  
NorCal-20/5 watts/4 ele. beam

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.  
-----

Date: Sun, 10 Oct 1999 19:13:29 +0900  
From: "Leo H Tsukada" <leo@netbeet.ne.jp>  
To: <qrp-1@Lehigh.EDU>  
Subject: [52695] Re: 40 meters  
Message-ID: <000e01bf1308\$29c1dc20\$253cf8ca@202.248.60.02>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Rod et al

> The International Morse Code Preservation Society--A whole lotta people  
> who enjoy Morse Code! You can get all you want to know, and probably  
> more at: [www.fists.org](http://www.fists.org) BTW they are a QRP friendly organization.

And we have a renewed Web Page of JA-FISTS on the URL below.  
<http://www.netbeet.ne.jp/~leo>  
You can see some members' photos and messages.  
Please feel free to leave your brief message on the GUEST BOOK.  
Most of the members of JA-FISTS enjoy QRP and "CHAT" with CW.

See you on the air.  
Thanks.

73 de Leo JJ8KGZ FISTS#4843 JARL QRP Club #501

\*\*\*\*\*

Leo H Tsukada  
leo@netbeet.ne.jp

\*\*\*\*\*

-----  
Date: Sun, 10 Oct 1999 13:17:23 +0200  
From: DL2FI@t-online.de (Peter Zenker)  
To: <n0ny@toad.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [52696] AW: 80m beacon  
Message-ID: <001901bf1311\$06af8080\$b0a29ec1@zenkerpn>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit

No answer on this one, but if you are interested in 80m QRP beacons, there is OK0EN, a Czech beacon transmitting 100mW and using a corner dipole. This beacon is transmitting 24 hours a day and they send out QSL cards via bureau for SWL reports.

Frequency is exactly 3600kHz

72 de Peter, DL2FI

> -----Ursprüngliche Nachricht-----  
> Von: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] Im Auftrag  
> von Nick Yokanovich  
> Gesendet am: Sonntag, 10. Oktober 1999 06:01  
> An: Low Power Amateur Radio Discussion  
> Betreff: OT: 80m beacon  
>  
> Does anyone have info on a beacon SXA 33 transmitting on 3712 KHz?  
>  
> Nick K3NY  
>

-----  
Date: Sun, 10 Oct 1999 07:35:44 -0400  
From: "Jerry Henshaw" <jhenshaw@bellsouth.net>  
To: "QRP-L Post" <qrp-l@Lehigh.EDU>, "Elecraft Reflector" <elecraft@qth.net>  
Subject: [52697] PC Board Tinning Solution  
Message-ID: <003501bf1313\$97e77ce0\$05d94dd8@jhenshaw.bellsouth.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang,

In a former life, I used to lay out printed circuit boards for a living.... back in the cut and paste days... black tape and donuts. Anyway, I used to have a bottle of tinning solution that we used to tin plate a PC board. I am in the process of building Jim Kortge's 2N2/40 rig and I wanted to tin the PC board before starting construction. Does anyone know a source for the tinning solution? The board is too big just to "drag" solder over it with a hot iron --- besides that, I want a smooth topology and not a relief map of the rockies.

I am sure within the vast resources of the QRP crowd

there is one of you that has 'been there, done that'.  
Thanks in advance for your help.

See you on the air --- Preston I hope I make the cut  
before all the certificates are given away!!!

72's and keep the solder fumes aloft,

Jerry Henshaw  
KR5L

-----  
Date: Sun, 10 Oct 1999 13:38:50 +0200  
From: DL2FI@t-online.de (Peter Zenker)  
To: "QRP-L via PoP3" <qrp-l@lehigh.edu>  
Cc: <dg0zb@aol.com>  
Subject: [52698] SPRAT 1-100 on CD available  
Message-ID: <001f01bf1314\$056a7600\$b0a29ec1@zenkerpn>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Dear fellow QRPers,

after long time preparing, scanning now it is available:

All SPRAT of G-QRP-Club, Number 0001 too 0100 at one CD ROM.

A common project of

G-QRP-Club who gave us all the SPRAT issues  
Thanks to George, G3RJV  
DL-QRP-AG who organized the project  
and FUNKAMTEUR Radio Magazin, who did all the scanning and made the CD.  
Thanks to Knut, DG0ZB!

Can you imagine how much hours it takes to scan 100 issues of SPRAT???

Order can be placed at <http://www.funkamateur.de>  
just follow the "FOLLOW ME" banner  
(this is a save server connection)

Price is 20 US\$ for G-QRP-members and 25 US\$ for non members

I personally have no commercial interests in this procect, but I am absolute happy that they did this great job for the QRP community

72 de Peter, DL2FI

Attention: Please use my new mail account:  
Achtung: Bitte neue e-mail adresse benutzen:

DL2FI@t-online.de

-----  
Date: Sun, 10 Oct 1999 07:40:17 -0400  
From: "Charlie Fitts" <cfitts@neca.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [52699] Re: MULTIPLE RIG/KEY HOOKUP  
Message-ID: <199910101144.HAA22785@orion.neca.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi Scott -

To use various antennas with various rigs, I use two antenna switches in series. The first selects the antenna, the signal from the selected antenna is then fed to the second switch which selects the rig.

Charlie Fitts, N1EI

-----  
Date: Sun, 10 Oct 1999 06:50:12 -0500  
From: Ron Keener <rkeener@realtime.net>  
To: qrp-1@Lehigh.EDU  
Subject: [52700] Re: MULTIPLE RIG/KEY HOOKUP  
Message-ID: <38007D74.5B98@realtime.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

MFJ makes just such a antenna to rig switch - 6 antennas to 6 rigs -  
reasonable price also

--

ron keener near Austin, Texas <http://MidAmericaBreedingTech.com>

\*\*\*\*\*  
\* Amateur radio station WA0REE  
\*\*\*\*\*

-----  
Date: Sun, 10 Oct 1999 08:13:00 EDT  
From: w4pj@w4bkx.ampr.org  
To: qrp-l@lehigh.edu  
Subject: [52701] Re: strange noises  
Message-ID: <96257@w4bkx.ampr.org>

Here's a post from another intruder watcher.

-----fwd-----

>From : DK2OM  
>To : INTRUD@WW  
>Date/time : 07-Oct 20:21  
>Title : 3.600 MFSK - 8 channels

QRG: 3.600 MHz Mode: MFSK, 8 channels, G7B (phase modulation Date:  
07-10-99 Time: 1950 utc  
Such systems are used from Russian forces. No chance to put them of.  
Otherwise the 80 m - band is not only for Radio-Amateurs!  
How to detect MFSK-Signals: 1. The noise is sounding like strong storm.  
2. Set Your bandwidth to 200 Hz (in CW-mode)  
3. Turn Your frequency-dial-knob very slowly  
4. Now You can hear 8 or sometimes 12 channels  
5. Decoding with amateurgear not possible  
Have fun with MFSK ... hi. Thanks to PA3CVH for the tip.  
73s from Wolf  
-----end-----  
de (Scott) W4PJ

-----  
Date: Sun, 10 Oct 1999 08:03:01 -0400  
From: aa5yx@juno.com  
To: QRP-L@lehigh.edu  
Subject: [52702] MRX40 info?  
Message-ID: <19991010.081600.8566.0.aa5yx@juno.com>

I've seen a lot of references to the MRX40 but don't know what it is. Is there a web site that describes this rig?

Thanks and 72,

John Harper AA5YX/2  
HW-9, OHR-100A/20m, NC40A, SST/40, SST/30

YashicaMat 124G Info Page: <http://home.att.net/~j..harper>

---

Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

---

Date: Sun, 10 Oct 1999 08:28:15 EDT  
From: charles k brown <n4so@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [52703] MFJ HF 6-position Antenna/Transceiver Switches  
Message-ID: <19991010.122631.3087.7.n4so@juno.com>

MFJ-1700B  
Has two ceramic rotary switches selecting 1 of 6 antennas  
and 1 of 6 transceivers in any combination.  
about \$80 bucks and shipping  
MFJ 1800 647-1800  
<http://www.mfjenterprises.com>

You need to order the catalog at-  
[mfj@mfjenterprises.com](mailto:mfj@mfjenterprises.com)

Ken Brown N4S0  
Mobile, AL/EM50tk  
NorCal-20/5 watts/4 ele. beam

---

Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

---

Date: Sun, 10 Oct 1999 07:29:16 -0500  
From: "Dan W. Dooley" <dandooley@pipeline.com>  
To: "QRP List 2" <qrp-1@Lehigh.EDU>, "owner-psk31@aintel.bi.ehu.es"  
<psk31@bipt106.bi.ehu.es>  
Subject: [52704] My first QRP PSK31  
Message-ID: <000001bf131b\$11552260\$04987b7b@dooleydw>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit

I turned the power level of the IC 706 down to the bottom (well almost - the



"1" position rather than "L") and got it set up for PSK31. Let's see, on the Drake WH7 wattmeter, not permanently in the path from the 706 (long story and I won't add to the bandwidth load to explain here), in the Tune mode within the PSK31 program, I was reading 2 watts. Keying with the keyboard, read up to about 2 watts and the idle was a bit over a watt. Does that sound right to you PSKers? This tune-up was done on 20 meters.

Being the impatient sort and not hearing anything but noise in that portion of 20, (its about 1900 UTC), I jumped up to 10. All sorts of PSK31 activity there. Answered a CQ from a WA6. He was running 100 watts. Sent and got in return, 599 reports. I asked him twice about that. He was copying me 100% all the way. Ok, I won't argue about it.

Wish I'd left the wattmeter in line because I suspect that my power out may have even been a little less on 10 than on 20. So, do I brag, or is it a ho-hum accomplishment? When 10 is open, you can work the world on a peanut whistle, as they say. Oh yea, and the antenna is a Butternut HF9V vertical.

Sure wish it had been quieter on 20...

Dan W. Dooley WB5TKA  
e-mail to: <mailto:dandooley@pipeline.com>

-----  
Date: Sun, 10 Oct 1999 05:47:27 -0700 (PDT)  
From: Jim Hale <kj5tf@yahoo.com>  
To: WB9MII@aol.com  
Cc: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [52705] Re: Milliwatting the FISTS/PA QSO Party  
Message-ID: <19991010124727.22573.rocketmail@web705.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Hi Greg - if you have an RF probe check and see what the lowest power level is. It may be lower (or higher) than the meter says.

Hey, can I depend on you to be in the mW Holiday CW contest? ;-)

Its dec 26, 27, 28 - I have the rules etc at my website if you need the info.

<http://www.qsl.net/kj5tf/>

100mW is FB Greg - Now just understand that IF condx allow, 100mW isnt any diferent than 10mW ! Or even

5mW!

I'll be looking for you and many more like you in december...

Thanks for emailing, de Jim

--- WB9MII@aol.com wrote:

> Jim,  
> and I thought I was slick going into the PA QSO  
> party at 100 MW....wow you're  
> doing fine. Previously my lowest power was working  
> a guy in CA with 750  
> MW....heard AK3V CQ'ing....turned the vintage  
> Century 21 to 100 MW per my  
> meter and called . Got him first call and was 559  
> . this with an indoor  
> loop too. Kinda neat. Take care 72  
> Greg WB9MII  
>

=====

-----  
Do You Yahoo!?  
Bid and sell for free at <http://auctions.yahoo.com>

-----  
Date: Sun, 10 Oct 1999 08:44:28 -0400  
From: mikemo@attglobal.net  
To: aa5yx@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [52706] Re: MRX40 info?  
Message-ID: <38008A2C.D338B821@attglobal.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Sept 1997 QST has an article on it.

aa5yx@juno.com wrote:

>  
> I've seen a lot of references to the MRX40 but don't know what it is. Is  
> there a web site that describes this rig?  
>

> Thanks and 72,  
>  
> John Harper   AA5YX/2  
> HW-9, OHR-100A/20m, NC40A, SST/40, SST/30  
> YashicaMat 124G Info Page: <http://home.att.net/~j..harper>  
>  
> -----  
> Get the Internet just the way you want it.  
> Free software, free e-mail, and free Internet access for a month!  
> Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Sun, 10 Oct 1999 08:54:22 -0400  
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [52707] Re: PC Board Tinning Solution  
Message-ID: <38008C7E.7708C813@rit.edu>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT

Jerry Henshaw wrote:

>  
> Hi Gang,  
>  
> In a former life, I used to lay out printed circuit boards  
> for a living.... back in the cut and paste days... black  
> tape and donuts. Anyway, I used to have a bottle of  
> tinning solution that we used to tin plate a PC board.  
> I am in the process of building Jim Kortge's 2N2/40  
> rig and I wanted to tin the PC board before starting  
> construction. Does anyone know a source for the  
> tinning solution? The board is too big just to "drag"  
> solder over it with a hot iron --- besides that, I want  
> a smooth topology and not a relief map of the rockies.

Jerry,

A quicksearch of the Web turned up this:

<http://st4.yahoo.net/webtronics/er-18.html>

This is an order form for Tinnit, an electroless tin-plating solution for PC boards. (The company offering it is actually Circuit Specialists.) The package is \$4.95, but there will be \$7 shipping (according to information on the Web site).

Dave

--

Dave Hinerman WD8CIV  
Ontario, NY Grid FN13if  
dlh1009@rit.edu

-----  
Date: Sun, 10 Oct 1999 08:21:51 -0500  
From: "Dan W. Dooley" <dandooley@pipeline.com>  
To: "QRP List 2" <qrp-1@Lehigh.EDU>  
Subject: [52708] Stable Capacitors  
Message-ID: <000101bf1322\$6a09b4a0\$04987b7b@dooleydw>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit

Does anyone have any input on the best fixed capacitors to use in tunable VFO circuits?

Are NPO types best even though negative values (e.g. N770) may have been used in the original circuit? I understand that neg. coefficient types are becoming harder to come by. Seems to me, that good, current technology NPOs would offer less chance of drift. What about using modern polystyrene types?

Ok, here's the scoop. I have a VFO circuitry in a radio which experiences a bit of drift on some bands - warm-up related. I want to replace all of the fixed caps with more modern equivalents. These are all small values, typically 10 to 20 pf disks. These serve as padders across the variable and trimmers to provide proper spread for the dial. Without going into too much detail of the overall circuit, I highly suspect some of the existing caps as being the cause of the drift since some bands drift and others do not. The circuits containing these caps are the only parts unique by band - all other parts are common to all bands.

Again, main thing I'm looking for here is best opinions on what caps to use in VFOs to minimize drift related to temp changes.

73

Dan W. Dooley WB5TKA  
e-mail to: <mailto:dandooley@pipeline.com>

-----

Date: Sun, 10 Oct 1999 09:22:02 -0400  
From: Michael <mike\_mhe@compuserve.com>  
To: "Lehigh, Messages" <qrp-1@Lehigh.EDU>  
Subject: [52709] Results 6th OQRP-CONTEST  
Message-ID: <199910100922\_MC2-8873-A109@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

QRP-CONTEST-COMMUNITY (qrpcc)  
c/o Dr. Hartmut Weber  
Schlesierweg 13  
D-38228 SALZGITTER  
Germany

Packet Radio: DJ7ST @ DB0ABZ.#NDS.DEU.EU

Dear QRP-friends,

it is a pleasure to present the

Results of 6th O R I G I N A L - Q R P - C O N T E S T (03/04-Jul-99)=

-----

(Call, Total Points, QSOs, Bands 80-20m =3D a-c)  
(VLP =3D Very Low Power, MP =3D Moderate Power, nO =3D non Original)

	V L P		< 1W	
	-----			
=				
1	9A3FO	35360	163	abc
2	DL1JGA	19926	120	abc
3	OK1DMP	19708	121	bc
4	OK1AYY	16515	108	ab
5	DL1HTX	16300	101	bc
6	S53BH	15548	101	abc
7	DL0VLP	14700	91	abc
8	F6ACD	11160	80	abc
9	OH9VL	11092	80	bc
10	DK4CU	9810	80	abc

11	DF1UQ	9415	86	bc
12	DL9QM	8550	75	abc
13	DL2BXC	6734	84	ab
14	DL4TJ	6479	65	abc
15	DK8SX	6304	64	c
16	PA3FSC	5880	91	ab
17	DJ6FO	5814	45	abc
18	DF30L	5542	53	abc
19	OZ9QM	4824	66	b
20	DJ6ZF	4554	47	abc
21	DL0QRP	4247	50	c
22	9A3ML	3861	33	abc
23	DL1AVH	3360	34	abc
24	DL6CGC	3080	41	a
25	OZ9KC	2360	40	b
26	PA9RZ	2100	27	bc
27	OK1DLB/p	1870	32	a
28	DF2SJ	1785	29	c
29	DL2ARL	1700	20	bc
30	SM6FPC	1470	22	c
31	DL1RPL	1134	21	c
32	HB9AYZ	900	18	bc
33	DL1AH	840	23	bc
34	DL8BEG	715	20	bc
35	SM4ATJ	697	11	c
36	PA4TS	481	13	abc
37	DF0ASG	414	17	b
38	PA3FGI	352	20	b
39	DK7BK	210	12	b
40	DJ6TE	200	7	bc
41	DL8SDS	150	10	c
42	DL3ABP	91	4	b
43	DJ7ST	90	9	b
44	PA1MW	84	5	b
45	HB0/DL2JRM	64	4	b
46	G4AWT	16	5	b
CH	PA0RBO		3	ac

=

=

Q R P < 5W

----- =

=

1	G4EDG	76285	284	abc
2	I1BAY	53805	213	abc

3	DL9SXX	45954	221	abc
4	DA0DAC	41160	200	abc
5	DF3IR	38340	177	abc
6	DL5JAN	26466	128	abc
7	DK7QB	23550	160	abc
8	DL8MTG	19698	135	abc
9	DK3KD	18642	188	abc
10	G3DNF	17649	114	abc
11	S59NA	17464	92	abc
12	HB9HQX	17105	92	abc
13	DL1JDQ	16218	162	b
14	HB9FAE	15480	133	bc
15	PA0AST	15052	98	abc
16	DL5FDW	14823	68	abc
17	DJ5AA	13815	104	abc
18	DK1WE	13720	104	bc
19	EA3EGV	12075	112	c
20	DL1LAW	12040	91	abc
21	DL0NZ	11340	90	abc
22	DF1GN	10920	90	abc
23	PA0RDT	10416	120	ab
24	DL8BDF	9933	72	bc
25	DL1ZQ	9657	96	abc
26	OK2BTT	9213	75	bc
27	G4MQC	8844	100	bc
28	DL8GN	8436	72	abc
29	DL2HBX	8424	106	b
30	DL2LQC	8398	69	b
31	HB9RE	8365	65	abc
32	PA0ANK	8316	64	abc
33	DM3XI	7700	101	b
34	OE8GBK	7030	59	abc
35	DL9HCW	6016	59	abc
36	DL6AAF/A	5985	54	abc
37	DJ4VP	5940	67	b
38	DL6ABB	5490	95	b
39	G3FNM	5320	59	abc
40	DF20K	5247	51	c
41	ON7CC	5148	56	abc
42	DK6AJ	5068	61	abc
43	DJ3JZ	5056	51	bc
44	DJ1TM/p	4893	80	b
45	EA1EWG/p	4824	76	c
46	OK1JVT	4655	41	abc
47	DF7SY	4644	96	bc
48	RW3AI	4587	50	ac
49	PA0ATG	4546	52	bc
50	DL3AKF	4437	48	abc

51	G0KRT	4366	49	abc
52	OM3TPL	4318	40	bc
53	PA3ALM	3948	47	c
54	F6ABI	3796	44	bc
55	LA3BX	3537	46	abc
56	OH2YL	3528	39	c
57	HB9JB0	3422	40	bc
58	DJ2GL	3224	38	c
59	DF7QK	3192	50	b
60	DL9GTI	3186	37	bc
61	DL3ECG	3024	40	bc
62	DL4LAC	2996	41	ac
63	SP3B0L	2668	35	b
64	OK1FVD	2511	30	abc
65	DF4FA	2400	30	bc
66	DL2VER	2196	35	bc
67	HB9DAX	2159	43	c
68	DL4LCA	2128	56	b
69	DJ6UB	2121	32	bc
70	DL7GW	2119	55	b
71	DJ7RL	2047	32	bc
72	DL5AXJ	2001	30	c
73	DJ3XG/p	1952	42	bc
74	OE5EEP	1919	32	b
75	DL3LBZ	1890	42	b
	LA/DH9YAT	1890	45	b
77	DL5KWG	1824	36	ab
78	DL2RT	1782	33	ab
79	DL1AAA	1754	39	bc
80	DL7IE	1701	30	abc
81	DL7HX	1568	37	b
82	DL3VNL	1534	37	b
83	DL3MCI	1496	29	b
84	OZ1BXM	1482	24	bc
85	OE4WBW	1365	28	c
86	HA8LNT	1360	23	a
87	DF2IAG	1326	21	bc
88	DJ0GD	1265	20	bc
89	DK5RY/p	1232	25	b
90	PA7XG	1200	23	bc
91	DH0DK	1185	22	b
92	OZ5AEV	1183	31	b
93	DL8NAV	1173	20	abc
94	FM5CW	1166	29	c
95	DJ3SU	1164	32	b
96	DJ9EG/p	1140	25	bc
97	I1EFC	1088	22	bc
98	DM5JBN	1024	20	abc



99	DL7UW0	1008	17	c
	HB9APJ	1008	21	c
101	OE6WTD	954	17	bc
102	DL7UWE	845	20	b
103	DF1NH	840	24	abc
104	DL4DQA	714	12	abc
105	ON6NW	682	20	b
106	DL4GN	598	13	bc
107	DL2BQD	553	25	b
108	SV3/DM3SWD	481	10	c
109	DL4SZ	462	12	bc
110	DL60CM	434	13	c
111	DL7UGN	372	10	abc
112	EA5ADE	344	13	ac
113	OK1FT	308	13	bc
114	DL1RNN	306	15	b
115	DL6DSA/p	295	20	b
116	DL4KUG	294	16	b
117	DL3LQM/p	288	15	b
118	DL4LBB	252	12	b
119	DK90Y	245	11	b
120	PA0YF	240	9	bc
121	OH7QR	231	9	c
122	EA5CEC/m	225	7	c
123	DL1AVD	216	18	b
124	OE1TKW	210	7	b
125	DL7AQT	208	8	c
126	OK1AIJ/p	205	11	b
127	DL5SCU	198	9	b
128	DL90E	196	10	b
129	EA5CEC	187	5	bc
130	DL2FI	175	7	bc
131	SM5DQ	171	8	bc
132	DF3JG	168	9	bc
133	DJ6OZ/p	154	10	c
134	ON4KAR	126	9	b
135	DK6JK	112	5	ab
136	HP1AC	98	5	c
137	DF6KB	85	5	a
138	DL3BCU	52	7	b
139	DL2PY	48	3	c
140	DJ8WV	36	7	b
141	DH0JAE	32	2	bc
	GM4BKV	32	2	ac
	PA/OH2ZAZ	32	2	c
	OK1DXK/p	32	2	c
145	DL4AKA	26	4	a
146	LA8CD	15	2	c

147	DK1LG	8	1	a
	DL4JLM	8	1	b
	DL7UAW	8	1	c
	RA4NFA	8	1	a
CH	DK9EA		25	b
	PA3AQV		9	bc
	OK1FYY		8	abc
	G4XVE		3	b
n0QRP	G3HZL		109	abc
	G2CP/p		63	ab
	DL5KMK		58	bc
	LA/DF4ZL		57	bc
	DK7FP		54	abc
	DL8QS		50	b
	G8PG		46	abc
	DK3UZ		33	abc
	DJ6JC		28	bc
	HB9DOA		25	bc
	GM4BKV		24	bc
	DL5MZ		16	ab
	G0WHO		14	b
	ON7SS		4	b

=

=

M P < 20W

=

1	DJ3XK	47520	178	abc
2	DJ4SB	27500	173	abc
3	DL1DSW	24998	170	abc
4	DF1SZ	20520	114	abc
5	OK2EC	17199	88	abc
6	DJ7MG	10965	88	bc
7	YU7SF	8938	71	abc
8	DK0SZ	8008	62	abc
9	IK4UNH	7476	55	abc
10	DL0SGN	4704	51	ab
11	DL6UBM	2400	31	abc
12	LZ1FJ	1200	18	bc
13	ON4XG	330	19	b
CH	DK2VN		30	b
CH	OK20U		3	a
nOMP	DK00I		177	abc
nOMP	OK1KI		72	b
nOMP	DF2HL		17	bc

=

=

"QR0" DF5WN 5 c

=

=

Checking:

DH9YAT

DJ6FO

DJ7ST

DL2ABH

DL2BXC

DL30CG

DL6KWN

DL8NAV

DL9CE

Thank you all for struggling through that 'QRN-Contest' !  
More detailed comments will follow.

Hpe cuagn in 7th ORIGINAL-QRP-CONTEST at 01/02-JAN-2000 !

Best 73/2 'Hal', Hartmut, DJ7ST =

(Mailed by Mike, DF20K)

-----

Date: Sun, 10 Oct 1999 13:32:54 -0400  
From: "Ron Polityka" <wb3aal@talon.net>  
To: ". QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [52710] PA QSO Party Crash  
Message-ID: <006901bf1345\$7d2f8280\$4be508cf@wb3aal>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Something happened to my PA QSO Party log. It did not  
save properly. I had 252 Q's running QRP and I was going

for my all time best score via QRP. Well now I have only 101 Q's. Could you do me a favor and read below. I really don't want to waste the 101 Q's. I am not going to run on Sunday, I just think it would be too much of a hassle.

Check your log, either your home station or where you were operating at and get my information. I need date, call, time & exchange. At least the 101 Q's will not go to waste.

72 & 73  
Good DXing

Ron Polityka  
de WB3AAL  
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv  
[http://www.kpsnet.com/wb3aal/Start\\_Page.htm](http://www.kpsnet.com/wb3aal/Start_Page.htm)  
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153

SETI @ Home Project  
<http://setiathome.ssl.berkeley.edu>

-----  
Date: Sun, 10 Oct 1999 10:15:54 -0400 (EDT)  
From: James Skalski <jskalski@localnet.com>  
To: qrp-l@Lehigh.EDU  
Subject: [52711] WTB Drake AM filter  
Message-ID:  
<Pine.LNX.4.04.9910101014400.12892-1000000@valhalla.valhalla.buffalo.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I need one of these to finish off my setup. Will trade a 6 meter transverter or buy.

73,

Jim n2go

-----  
Date: Sun, 10 Oct 1999 10:14:24 -0400 (EDT)  
From: James Skalski <jskalski@localnet.com>  
To: qrp-l@Lehigh.EDU  
Subject: [52712] WTB Ten Tec 297 noise blanker  
Message-ID:  
<Pine.LNX.4.04.9910101012290.12892-1000000@valhalla.valhalla.buffalo.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Does anyone have one that they will part with? Maybe it doesn't work for your noise problems.

73,

Jim n2go

-----  
Date: Sun, 10 Oct 1999 10:22:02 -0400 (EDT)  
From: James Skalski <jskalski@localnet.com>  
To: qrp-l@Lehigh.EDU  
Subject: [52713] MFJ 941B ?  
Message-ID:  
<Pine.LNX.4.04.9910101017140.12892-1000000@valhalla.valhalla.buffalo.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have one of these that developed an intermittant in the inductor switch. I would like to replace the switch. Anyone with ideas or a source for a suitable switch. The original is a single pole 12 position rotary and about 1 1/4" diameter. Anyone that has been there/ done that....?

73,

Jim n2go

-----  
Date: Sun, 10 Oct 1999 10:23:05 -0400  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>  
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>

Subject: [52714] Pre FOX Hunt QSO Party w/K0EVZ  
Message-ID: <199910101026\_MC2-886A-23B3@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain;  
charset=us-ascii  
Content-Disposition: inline

Gang:

This Tuesday evening FOX K0EVZ will be on the loose. I plan to begin at 0000Z on or about 7040, +/- QRM. Now all that is needed is a howling pack of hounds.

Rig will be either the Sierra or maybe the Ten Tec 509. \*Might\* even try out an NC-40A or SW-1 for variety.

Antenna setup will be 16 half-waves in phase, optimised for 7041. WB using a crystal oven for frequency stability. Feeding this with new real open-wire, not window line.

JUST KIDDING :-). More likely will have to settle for the TNT/2 Windom or the G5RV junior at 30 feet. If weather and health permit, will install the GAP Titan and possibly an large loop informally draped around the property.

I hope everyone will take time to drop by. And if you need North Dakota for your WAS, this is a chance for a QSL. BTW My regular FOX run will be 11/25/99.

72,  
--Doc Lindsey/K0EVZ  
DSBF  
PO BOX 6028  
Bismarck, ND 58506  
70511.3041@compuserve.com

-----  
Date: Sun, 10 Oct 1999 10:27:47 -0400  
From: Danke Hirasawa <danke@scientist.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [52715] FS: OHR-100A 20 meter rig for \$80.00  
Message-ID: <3800A262.4278F92A@scientist.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

OHR-100A for 20 meter.

5w max. out (adjustable) , 14.000-14.075MHz CW transceiver.  
Built & working perfect, no modification.  
Almost new: bought & built August 99.  
Comes with manual.

I am selling this radio for \$80 plus shipping.  
Please send email to: [danke@scientist.com](mailto:danke@scientist.com)

Thank you for reading my post.

Yasutaka Hirasawa  
KV4D

-----  
Date: Sun, 10 Oct 1999 10:31:33 -0400  
From: Bob Edwards <[w4ed@gis.net](mailto:w4ed@gis.net)>  
To: [dehager@ix.netcom.com](mailto:dehager@ix.netcom.com)  
Cc: Low Power Amateur Radio Discussion <[qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu)>  
Subject: [52716] Re: Anyone homebrew a QRP Carolina Windom for 40  
Message-ID: <3800A345.F34DAB77@gis.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Dana E Hager wrote:

>  
> I am trying to install an 40m antenna in the apartment ....  
> Has any one experimented with making QRP size balun and line isolator  
> for an OCF antenna?

Yep, see [http://www.qsl.net/w4ed/rbe\\_ant.htm](http://www.qsl.net/w4ed/rbe_ant.htm) for a balun and  
simulated radiation patterns on a 40m OCF dipole. My buddy  
has been using it for a couple months and says its great.

My understanding of a "windom", has its off-center feed coming from a  
single wire. The antler above is a simple OCF dipole with a 1:4  
balun at the feed point then coax going back to the rig. ..fwiw..

--

    |\  
   /|\  Bob  72/73  
  / |K2\  
 /  |21 \  
-/\_ |\_\_\_\_\  
 \====\*====-/]

email,  [w4ed@amsat.org](mailto:w4ed@amsat.org)  
<http://www.qsl.net/w4ed>  
near Atlanta, GA EM73wt

~~~~~  
-----  
Date: Sun, 10 Oct 1999 08:38:37 -0600  
From: "Rod Cercone" <rlc@frii.com>  
To: <kcbdw@webtv.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [52717] Re: miles per watt  
Message-ID: <007301bf132d\$2a1d90e0\$488711d8@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hal:

You use the great circle distance. If you have the LAT/LOG number from both stations you can:

(1) Use a program (there are several) from the web. SRI I don't have one. Check QRZ's software offerings I think I've seen on there. Any one of the better hamsites should have one .

(2) Go to the QRP-L web page at:  
<http://qrp.cc.nd.edu/qrp-l/clubinfo.html> there you will find two links to calculate GC from LAT/LON or callsign. LAT/LON is looked up, in Buckmaster, and used to make the GC calc. Sometimes LAT/LON is not available for a callsign.

(3) You can send a message to the QRP-L listserve machine with callsign data. The GC distance will be returned via email. Send the email to the listserver command processor at: LISTPROC@lehigh.edu in the body of the message put one or more lines like this:

```
RUN QRP-L X CALLS2DIST call1 call2
RUN QRP-L X CALLS2DIST call3 call4
RUN QRP-L X CALLS2DIST call5 call6
:
:
RUN QRP-L X CALLS2DIST callX callY
```

NOTE: this method also uses LAT/LON data derived from Buckmaster as best I can tell.

(4) If you can't get LAT/LON, you can get an approximation using the website: How Far is It? at: <http://www.indo.com/distance/> You supply two cites and get back the GC dist. You can even see a map from the Xerox PARC map server. The draw back is this service does not have



smaller cities & towns, so you might have to use a nearby city.

GL

---

72/3 Rod, NØRC  
da di dah

----- Original Message -----

From: Hal Schlotfeld <kc0bdw@webtv.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Sunday, October 10, 1999 12:36 AM  
Subject: miles per watt

> I have a question on the 1000M per watt award how does one figure  
the  
> distance? Do you use the Great Circle or something else. If you do  
use  
> the Great Circle method how do I go about getting one? Tnx.  
> Hal  
>

-----

Date: Sun, 10 Oct 1999 10:51:39 -0400 (EDT)  
From: James Skalski <jskalski@localnet.com>  
To: qrp-l@Lehigh.EDU  
Subject: [52718] Trade R/C unit for QRP  
Message-ID:  
<Pine.LNX.4.04.9910101042180.13776-1000000@valhalla.valhalla.buffalo.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a CIRRUS RC controller with brand new nicads It works fine and has  
a four channel receiver and two servo units. I haven't used it since I  
replaced the nicads. This would be nice for experimentation with robotics  
or remote qrp control :-) and you thought that this wasn't qrp related.

I think I need all new toys, mine are boring. I have a short attention  
span. I wish I had a pic Basic Stamp setup (programming package) and a  
BS1-IC to play with today.

73,

Jim n2go

-----  
Date: Sun, 10 Oct 1999 11:06:57 EDT  
From: WB9MII@aol.com  
To: qrp-l@lehigh.edu  
Subject: [52719] Swap MFJ9040 for 20 meter QRP xcvr  
Message-ID: <9bcb302a.25320591@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hello.

I want to swap my MFJ9040 for a 20 meter QRP rig. Rig is like new condition...just no antenna room for a 40M antenna (indoors - antenna restricted). If interested pls respond by return email. Thanks 72  
Greg WB9MII

-----  
Date: Sun, 10 Oct 1999 11:16:11 -0400  
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [52720] Re: Stable Capacitors  
Message-ID: <3800ADBB.B0ACA627@rit.edu>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT

"Dan W. Dooley" wrote:

>  
> Does anyone have any input on the best fixed capacitors to use in tunable  
> VFO circuits?  
>  
> Are NPO types best even though negative values (e.g. N770) may have been  
> used in the original circuit? I understand that neg. coefficient types are  
> becoming harder to come by. Seems to me, that good, current technology NPOs  
> would offer less chance of drift. What about using modern polystyrene  
> types?

Dan,

Ordinarily one should use NPO for a new design. But if an existing design used negative temperature coefficient parts, it was probably to compensate for other temperature-sensitive components.

> Ok, here's the scoop. I have a VFO circuitry in a radio which experiences a  
> bit of drift on some bands - warm-up related. I want to replace all of the

> fixed caps with more modern equivalents. These are all small values,  
> typically 10 to 20 pf disks. These serve as padders across the variable and  
> trimmers to provide proper spread for the dial. Without going into too much  
> detail of the overall circuit, I highly suspect some of the existing caps as  
> being the cause of the drift since some bands drift and others do not. The  
> circuits containing these caps are the only parts unique by band - all other  
> parts are common to all bands.

You might try localized warming or cooling of individual caps to verify this before replacing them. Not all of them may be at fault. I've seen tiny heat guns (they looked like a pepper mill with a plastic tube coming out the side) used for the purpose. I think I saw published somewhere an idea for using a small light bulb with heat-shrink tubing over it to provide a directed source of warmth - the open end of the tube is placed near the suspect component to heat it slightly. Whatever the source, warm each component and examine for drift. Try replacing drifting components and repeat the test.

Don't use a very high temperature source like a soldering iron, heat gun, or the like - just about anything will drift under those temperatures. Also, freeze mist should be used VERY sparingly, or not at all, when looking for low temperature drift.

Dave

--

Dave Hinerman WD8CIV  
Ontario, NY Grid FN13if  
dlh1009@rit.edu

-----  
Date: Sun, 10 Oct 1999 10:22:56 -0500  
From: "Harley L. Miller" <hmliller@sound.net>  
To: qrp-1@Lehigh.EDU  
Subject: [52721] Re: I smell a new name ...  
Message-ID: <3800AF50.63F5@sound.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

How about Kahuna TunaFire

Harley  
WB0ROQ

-----

Date: Sun, 10 Oct 1999 11:27:57 -0400  
From: "John J. McDonough" <jjmcd@tm.net>  
To: <dlh1009@ritvax.isc.rit.edu>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [52722] Re: Stable Capacitors  
Message-ID: <002501bf1334\$0ad19e00\$010044c0@conor-mac-nessa>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> -----Original Message-----

> From: David Hinerman <dlh1009@ritvax.isc.rit.edu>

>

> You might try localized warming or cooling of individual caps  
> to verify this before replacing them.

This could be a little misleading. If you heat an N750 whose point in life was to compensate for an inductor's drift, or the coefficient of the trimmer, of course it will drift. You want to heat all the related components equally.

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr/>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----  
Date: Sun, 10 Oct 1999 10:46:46 -0500  
From: "Jay Bromley" <w5jay@alltel.net>  
To: <jhenshaw@bellsouth.net>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [52723] Re: PC Board Tinning Solution  
Message-ID: <01b701bf1336\$a99a80e0\$109b66a6@w5jay>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

GC electronics use to carry it.  
73 de w5jay..

-----

Date: Sun, 10 Oct 1999 12:10:01 EDT  
From: RangerSF5@aol.com  
To: qrp-1@lehigh.edu  
Subject: [52724] CB TO VHF?UHF???  
Message-ID: <0.f56ca23c.25321459@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hio gang,  
A friend of mine told me that there are converters on the market that can be built into a CB rig and have it work on VHF and UHF.  
Looks like a big jump to me but he said he has seen them.  
Anyone on the list ever hear of them?  
Bob  
WA2HOQrp <tm>

-----  
Date: Sun, 10 Oct 1999 12:23:25 -0400  
From: Charles Greene <cgreene@loa.com>  
To: "Dan W. Dooley" <dandooley@pipeline.com>, "QRP List 2" <qrp-1@Lehigh.EDU>, "owner-psk31@aintel.bi.ehu.es" <psk31@bipt106.bi.ehu.es>  
Subject: [52725] Re: [psk31] My first QRP PSK31  
Message-ID: <4.1.19991010115804.00946760@mail.loa.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 07:29 AM 10/10/99 -0500, Dan W. Dooley wrote:  
>I turned the power level of the IC 706 down to the bottom (well almost - the  
>"1" position rather than "L") and got it set up for PSK31. Let's see, on  
>the Drake WH7 wattmeter, not permanently in the path from the 706 (long  
>story and I won't add to the bandwidth load to explain here), in the Tune  
>mode within the PSK31 program, I was reading 2 watts. Keying with the  
>keyboard, read up to about 2 watts and the idle was a bit over a watt. Does  
>that sound right to you PSKers? This tune-up was done on 20 meters.  
Hi Dan,  
First, congrats on the definite QRP contact.

I don't know the exact answer, but let me tell you what I have found out.  
The average power output when sending idle which is the same as  
a two tone test signal, is 50% of the single tone average output. The  
peak power of both is the same. So if you tune up using a continuous  
CW (key down) signal of 5 watts, the two tone signal (Idle) peak power  
will also be 5 watts. The average power output of the CW signal will be  
5 watts, but the average power output of the psk31 idle signal will be  
2.5 watts. I'm guessing that your meter reads average power.

Having said that, now what to do about it. We rate SSB at both peak and average power. Legally, we can go to a power output of 2 KW which is twice the legal CW output. I think that we should also rate the QRP power as average power. QRP is power of 5 watts CW, and the average power of 5 watts for psk31 would give a peak power on idle of 10 watts. You said it goes up when text is sent. Correct, but it also goes down. My transceiver will drop out of transmit if I use VOX on text, while it holds in perfectly when in idle.

Question. What do we rate QRP power for SSB? One could argue that we should do the same for psk31.

>  
>Being the impatient sort and not hearing anything but noise in that portion  
>of 20, (its about 1900 UTC), I jumped up to 10. All sorts of PSK31 activity  
>there. Answered a CQ from a WA6. He was running 100 watts. Sent and got  
>in return, 599 reports. I asked him twice about that. He was copying me  
>100% all the way. Ok, I won't argue about it.  
>  
>Wish I'd left the wattmeter in line because I suspect that my power out may  
>have even been a little less on 10 than on 20. So, do I brag, or is it a  
>ho-hum accomplishment? When 10 is open, you can work the world on a peanut  
>whistle, as they say. Oh yea, and the antenna is a Butternut HF9V vertical.  
>  
>Sure wish it had been quieter on 20...  
>  
>Dan W. Dooley WB5TKA  
> e-mail to: <mailto:dandooley@pipeline.com>

-----  
Try PSK31. Check: <http://aintel.bi.ehu.es/psk31.html>  
and May 99 QST.

Chas, W1CG

Rhode Island TCPIP Address Coordinator  
w1cg@arrl.net  
-----

-----  
Date: Sun, 10 Oct 1999 11:38:48 -0500  
From: "George T. Baker" <w5yr@swbell.net>  
To: jfurman@ocs.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [52726] Re: Origins of Manhattan?  
Message-ID: <3800C118.1FE995B@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

I don't know much about this, but somehow when Manhattan Construction was first being discussed I got the idea that the name came from the comparison between Manhattan Island (our best known island in the US?) and the "islands" that were glued to the main board to serve as solder pads. I hadn't thought of any connotation regarding wiring topology or routing by rectangular grid, etc. Interesting . . .

72/73, George            AMA 98452            R/C since 1964

Amateur Radio W5YR, in the 54th year and it just keeps getting better!  
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County  
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

-----  
Date: Sun, 10 Oct 1999 12:55:15 -0400  
From: "Dave Benham" <dodgeboy@mindspring.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [52727] Re: I smell a new name  
Message-ID: <00b001bfb1340\$3aa21a40\$02e38ad1@hqa.chrysler.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

How about Hot Tuna? Remniscent of the '70's folk/blues group.  
Dave K8TRF

-----  
Date: Sun, 10 Oct 1999 10:38:35 MST  
From: "Chuck Adams, K7QO" <k7qo@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [52728] Re: Origins of Manhattan?

Message-ID: <19991010173836.26257.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Group,

Someone check the archives and look for postings after Dayton when Jim Kortge, K8IQY, won the 2N2222 building contest.

As one of the judges at that event when I saw the layout that Jim had done it immediately brought to mind the skyline of NYC and I called it Manhattan. I don't know if that was original or not or if even I was the first person to call the construction technique that or not. It doesn't matter.

With regular alignment of components and wires as viewed from the top you seen squares and rectangles. Viewed from the side the components look like buildings aligned along streets. Thus the name Manhattan. You'll also note that I first spelled the city incorrectly and apologized for same. We learn something new every day.

dit dit

Chuck Adams K7QO CP-60 k7qo@hotmail.com <http://www.qsl.net/k7qo>  
All QSLs to Box 11840, Prescott, AZ 86304-1840  
Waiting on FCC ULS to catch up on update(s).....

-----  
Get Your Private, Free Email at <http://www.hotmail.com>

-----  
Date: Sun, 10 Oct 1999 13:57:26 EDT  
From: DOCROCK1T@aol.com  
To: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)  
Subject: [52729] Re: I smell a new name ...  
Message-ID: <0.c65fae8.25322d86@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

This fits...

Why don't you call it STINKY FISH CAN RADIO?



Is the can supposed to be empty first?

72/3

Rick...KB7MPG  
Livingston, Montana

-----  
Date: Sun, 10 Oct 1999 14:19:11 -0300  
From: KD1YV <kd1yv@mindspring.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [52730] Re: Origins of Manhattan?  
Message-ID: <3.0.5.16.19991010141911.330f715a@pop.mindspring.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Geez, and I thought that it meant that when you Let The Smoke Out, it formed a mushroom cloud (Manhattan Project).

72/73 de Jim, KD1YV

At 11:38 AM 10/10/99 -0500, George T. Baker wrote:  
>I don't know much about this, but somehow when Manhattan Construction was  
>first being discussed I got the idea that the name came from the  
>comparison between Manhattan Island (our best known island in the US?)  
>and the "islands" that were glued to the main board to serve as solder  
>pads. I hadn't thought of any connotation regarding wiring topology or  
>routing by rectangular grid, etc. Interesting . . .  
>

>72/73, George                   AMA 98452           R/C since 1964

>Amateur Radio W5YR, in the 54th year and it just keeps getting better!  
>AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County  
>QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE  
>

-----  
Date: Sun, 10 Oct 1999 13:41:04 -0500  
From: crc <crc@io.com>  
To: QRPL <QRP-L@Lehigh.EDU>  
Subject: [52731] Re: Origins of Manhattan?

Message-ID: <3800DDC0.E74D6A9E@io.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang:

I had always thought it referred to the fact that Manhattan was an island, and the little pads were islands, with bridges (components) connecting them.

Charlie W5KRF

-----  
Date: Sun, 10 Oct 1999 14:48:14 -0400  
From: osier <osier@northnet.org>  
To: qrp-l@lehigh.EDU  
Subject: [52732] 3V8BB via F6FNU  
Message-ID: <3800DF6E.FA14E77@northnet.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello All !!!!

Worked 3V8BB yesterday and got conflicting reports on a QSL route.....

The OP said "qsl to F2KN" ... In any DX publication it states QSL via F6FNU.....

If F6FNU are there any special means that must be employed to get a QSL ??????

Ive only sent to him once for TU0A 10 years ago ...no problem ...

So..... any late bulletins on 3V8BB ????. ....OR is F6FNU the manager ?????

Ive QSLed alot over the years but never came across a situation like this .....

Thanks to all in advance !!!!!!!!!!!!!

73/72s

George Osier , N2JNZ/QRP

-----  
Date: Sun, 10 Oct 1999 21:53:44 +0200

From: "Hans Sundstrom" <hans.sundstrom@telia.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [52733] SV: 3V8BB via F6FNU  
Message-ID: <199910101953.VAA27033@d1o22.telia.com>

3V8BB is a club station that can be operated by visitors. A lot of operators from different countries has been operating 3V8BB so the QSL address mostly depends on the operator at the moment as far as I now. I have been getting QSL:s from OK-land for 3V8BB for instance.

So, my advice is to go with the QSL address the operator gave you. F2KN has been listed as one of the managers for 3V8BB since 1996.

GL es 72

Hans / SM4ATJ

-----Ursprungligt meddelande-----  
Fr n: osier <osier@northnet.org>  
Till: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Datum: den 10 oktober 1999 20:46  
mne: 3V8BB via F6FNU

>Hello All !!!!

>

>Worked 3V8BB yesterday and got conflicting reports on a QSL

>route.....

>The OP said "qsl to F2KN" ... In any DX publication it states QSL via

>F6FNU.....

>If F6FNU are there any special means that must be employed to get a QSL

>??????

>Ive only sent to him once for TU0A 10 years ago ...no problem ...

>

>So..... any late bulletins on 3V8BB ????. ....OR is

>F6FNU the manager ?????

>Ive QSLed alot over the years but never came across a situation like

>this .....

>

>Thanks to all in advance !!!!!!!!!!!!!

>

>73/72s

>

>George Osier , N2JNZ/QRP

>

-----  
Date: Sun, 10 Oct 1999 13:25:07 -0700  
From: Gary L Surrency <gsurrency@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [52734] RE: FISTs, K2  
Message-ID: <19991010.132507.-308521.0.gsurrency@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Thanks for all the comments concerning FISTs. Seems like the consensus is: there are a lot of good ops and just a few bad apples as is the case with many organizations.

Perhaps the publicity will help to raise awareness a little so we all can coexist without too much QRM.

As with other things in life, if it gets too much hassle - just turn it off and find something else to do. Or QSY.

The bands don't seem to be as good here today, so several other projects will get some attention until things improve.

And, if you have a K2 and haven't enlarged the chassis hole surrounding the coaxial power jack; you must do this. The power plug will then fit every well, and stop the intermittent contact problems that I'm sure you've noticed when the rig or power lead is moved. Having the power plug seat inside the chassis panel also helps prevent damage to the jack if the power lead is yanked by accident. This has been coming up on the Elecraft reflector lately, and will be corrected in the next run. I used a reamer and deburring tool to get a nice smooth finish. Just remove enough aluminum to allow the plug to pass through the panel. Works FB.

72 to all.

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.  
-----

Date: Sun, 10 Oct 1999 13:51:42 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)

To: <qrp-1@lehigh.edu>  
Subject: [52735] QRPacificon Compendiums arrive from the printers.  
Message-ID: <01bf1361\$42139bc0\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys, the compendiums were picked up at the printers Friday night. I spent Saturday collating, punching and binding them. This year's compendium is the same size as QRPP, and is bound with the wire binding that Paul uses for his data book. This will allow the book to be folded over on itself. The compendium is filled with great articles by the Pacificon 99 QRP Forum Speakers. Here is what you have to look forward to Friday night when you arrive early and pick up your copy at the QRP Open house.

Operating QRP: It's a Contact Sport! . . . . . page  
3 - 17  
by Mike Gipe, K1MG

QRP, Past, Present and Future . . . . . page  
18 - 21  
by Dick Pascoe, G0BPS

Joe's Quickies . . . . .  
. . . page 22 - 31  
by Joe Everhart, N2CX

A 40 Meter to 6 Meter, 2N2222 Based, CW Transverter . . . . 32 - 47  
by Jim Kortge, K8IQY

Some Disconnected (but Still Useful) Thoughts about  
Amateur Radio Antenna Systems . . . . .  
48 - 57  
by Jim Duffey, KK6MC/5

NorCal QRP Club Pacificon Building and Operating Event . . 58  
by Doug Hendricks, KI6DS

Tuna Tin 2 Revisited . . . . .  
. . . . . 59 - 65  
by Doug Hendricks, KI6DS

The Columbus QRP Club MRX-40 . . . . .  
66 - 68  
by Steve Bornstein, K8IDN

Learning Electronics from Regens . . . . .

69 - 77

The compendium also contains 3 full page, 8.5 x 11" foldout schematics that are not reflected in the above page count.

I have 175 of them bound, and hope to finish the rest by this evening. I can hardly wait for this weekend.

Don't forget to bring those regens and 2N2/40 construction projects for the building contest judgeing on Saturday night, we will be awarding 3 plaques in each division. Also, please bring some of your latest homebrew projects to show off at the "Show and Tell" Table. It would be nice if you would take a 3 x 5" index card and fold it in half length wise to make an identification label for your project so we can tell what it is and who built it. Don't forget the TT2/MRX Event on Friday night. Mike Gipe will be the Fox and we will find out who the real operators are, as all rigs will be the same rig and it should get down to operating skill to work the Fox. Friday's activities will begin with the no host dinner at Fuddruckers Hamburger Emporium. We meet in the lobby of the hotel at 5:45 and then to the dinner at 6:00 PM. The hospitality room opens at 7:30 on Friday night and 7:00 on Saturday.

There is no additional charge for the Qrp Events. All brought to you by NorCal. Hope to see you having fun this weekend.

72, Doug, KI6DS

-----  
Date: Sun, 10 Oct 1999 17:34:45 -0700  
From: Robert P Engelman <rengelwb8uoj@juno.com>  
To: qrp-l@lehigh.EDU  
Subject: [52736] Thanks  
Message-ID: <19991010.173456.-81513.2.rengelwb8uoj@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Hey gang !

I want to thank all who replied to my "where is everybody on 40m" from Saturday. Got a bunch of responses on what other bands I've been missing, tried 30 and 20m with success last night. Worked OK1VU in PRAHA (QRO), but it still got the blood flowing !. As suggested I'm going to

try to upgrade this winter. Had planned to try any how, but now there's all the more reason ! More open Freq's !

In an unrelated topic, I also want to let y'all know that I've gotten a set of the "Poor man's paddles" from Dennis Payton. Got them on the air this weekend, and I like them alot. For the money (2 bucks) they're well worth at least twice the price (don't get any ideas Dennis). For a portable set of keys they can't be beat !. What they hey, they're only 2 bucks how can you go wrong ?. Anyhoo, I like them and recommend them to anybody who can use them.

Thanks, hope to "see" some of you on 40m this evening

Bob WB8UOJ

---

Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

---

Date: Sun, 10 Oct 1999 23:54:51 +0200  
From: Anita och Lars Olsson <[anita.lars.olsson@telia.com](mailto:anita.lars.olsson@telia.com)>  
To: [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)  
Subject: [52737] Re: 80m beacon  
Message-ID: <[38010B2A.12A6@telia.com](mailto:38010B2A.12A6@telia.com)>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello Nick,  
I can not find my book with commercial and coast radio stations, but I am pretty sure that SXA 33 is a coast radio station in Greece.  
You can find many SXA stations on the short wave. We have a local net on 3712 kHz every morning at 0900 (0700Z) and we have sometimes QRM from that station.  
73 de Lars / SM3AVQ

---

Date: Sun, 10 Oct 1999 22:09:29 +0100  
From: Larry Cahoon <[wd3p@juno.com](mailto:wd3p@juno.com)>  
To: [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)  
Subject: [52738] Milliwatting in the PA QSO Party  
Message-ID: <[19991010.220930.4038.0.wd3p@juno.com](mailto:19991010.220930.4038.0.wd3p@juno.com)>

Well I just finished playing in the PA QSO party. It was a fun time. Worked 101 QSOs into 55 of the 67 counties. Most had no problem at all copying my 500 mWatts signal off my single element beam. That's my dipole for those a bit slow on Sunday evening). Stayed on 40 Meters for the contest. I haven't figured out the score yet since I didn't use one of the standard logging programs and they do special stuff for the rovers and mobiles.

Now I only need one county to have PA QRP and 12 more to have all the counties QRPP.

73/72 de Larry.....WD3P

---

Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

---

Date: Sun, 10 Oct 1999 18:21:42 -0400  
From: Nils R Young <nilsbull@juno.com>  
To: QRP-L@lehigh.edu  
Subject: [52739] Paper chases & contest calendars  
Message-ID: <19991010.182147.-919621.18.nilsbull@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Gang,

I gotta get organized here. Well, actually, I have to strip wall paper, repair & paint woodwork, window frames & the ceiling before I can move my collection of suede-o-intellectual paraphernalia into what was my youngest's bedroom. But that's another story.

I was listening around today on 10 & 15 & hearing all this CQ TEST stuff. I don't know what test it was, but there was folks testin'. Which brings up the question: I'd bet there's a web site what shows all the contest dates for every known contest without having to go through a million different club web sites (some of which are in language I no savvy), ain't there?

And then there's this 1975 vintage copy of the SSA Diplom Boken, what I got in trade for some transistors or something back when the book was on the verge of out of print. Like a grand compendium of all the awards you could ever want, even if you didn't want them. And he thought "Why not? I



done it in reform school" Oops . . . quoting Burroughs again.

So without going to the SSA (Swedish Ham Radio Club) web site and asking sensibly, is there a web site that's got all this info up to date or not?

And did you notice that I'm not looking for a book of info in either case? Like what web sites, dudes? Not "Where can I find a book with . . . ?" question thing.

Ah, technology! And once again it has overtaken our Pleistocene minds . . .  
. Ok, my Pleistocene mind. We won't ask about your's, will we?

73

Nils

. . . like I need more paper on the wall . . . even found a site where, for the paltry sum of \$750, you can get a PhD from some university, complete with transcripts of classes & all the extras. Cum laude costs an extra \$25 . . .

-----

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

<http://home.fiberia.com/wb8ijn> -- WB8IJN --

<http://members.xoom.com/nilsbull>

"In my day you had to FIGHT to have oligarchs! Every day was a STRUGGLE!

-- Comrade Sergei Nikolaevich McTovarishov --

-----  
Get the Internet just the way you want it.

Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----

Date: Sun, 10 Oct 1999 18:35:01 -0400 (EDT)

From: James Skalski <[jskalski@localnet.com](mailto:jskalski@localnet.com)>

To: [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)

Subject: [52740] HP 200CD sig gen for trade

Message-ID:

<[Pine.LNX.4.04.9910101826570.20708-1000000@valhalla.valhalla.buffalo.edu](mailto:Pine.LNX.4.04.9910101826570.20708-1000000@valhalla.valhalla.buffalo.edu)>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a model 200CD wide range oscillator that is excess to my needs. It covers 5cps to 600kc in five overlapping ranges. Will trade for some qrp equipment or Drake filters. Makes very nice waveforms for testing audio amp circuits, video freq circuits and low radio-frequency equipment.

Operating and service manuals included.

73,

Jim n2go

-----  
Date: Sun, 10 Oct 1999 18:55:12 +0100  
From: Andy C Meng <andymeng@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [52741] SB-104, milliwatting  
Message-ID: <19991010.185514.2862.0.andymeng@juno.com>

Hi everyone,

Last night I got the SB-104 running off of its power supply. The first time I plugged in the big power cable, I thought it was a keyed connector. I found out it wasn't when the power supply fuses blew. As I was taking out the fuses, part of the fuse holders came out with them... This was a couple of months ago... Then we got to working on it a couple of weeks ago, and found out that the 11V regulator wasn't working so went in with a big LM350 3A variable voltage regulator. Then yesterday I got the fuse holders installed and everything worked when I plugged it in. Last night I got the keyer and straight key hooked up. This is the K1EL keyer that had been giving me trouble on the SW40+ but now it keys a rig... For paddles I am using the Poor Man's Paddles, they are very nice (keyer and paddles). On low power it puts out a max. of about 400mW. When the finals are running it goes up to 100W, although the finals must be on even for high-power QRP (what an oxymoron :-)). I somehow like the sound of the big TR relay...

Last night we happened to have a friend of ours from Minnesota, he is also a ham, and even has an SB-104! We repaired the freq. display on his rig when we stayed with them for a few days on the way back from Canada this summer. My dad said then that he never wanted to

work on one of those  
radios again... :-) Our friend showed me how to use some of the controls  
like anti-VOX.

When the RF GAIN control is turned past about half-way, a severe audio  
feedback develops. My dad  
says bad decoupling caps... I'll have to find those, that'll be tough.  
Also some other problems with  
the 10m frequency readouts. I also need a high-band ant...

Anyway, this morning I called CQ at 5W and another QRPer responded. I  
asked if I could drop to  
500mW and he said fine. Then we went to 250mW and eventually got down to  
100mW with a  
229. He was in Atlanta, so it works out to be about 3500 m/W! The most  
amazing thing is that half of  
the dipole was about 3 feet off the ground, with the other end sloping  
down from about 30 feet up!!  
Talk about poor antenna!! My first QRPP and more than 1000 mile/W QSO! It  
was a lot of fun! I'm  
going to build myself a nice wattmeter, just need directional coupler...

Last weekend I passed the Extra written, so I'm an Extra now!! I only  
missed one question, it was the last  
page and a half of the book, and I had to go before I got a chance to  
read it, then forgot about it. I'm going  
to get a 2x1 or 1x2 call. Does anyone who made it this far through my  
message know a website listing the  
available calls? Last time I checked, QRZ's wasn't working. I also heard  
a couple weeks ago (on ARRL Audio  
News) that vanity call processing under the ULS isn't going yet, so don't  
know when I should submit my  
application. No more studying for Extra, now I have to start hitting the  
school books! And I have homework to  
do now so I better go...

Andy KC8KFI/AE

Andy KC8KFI/AE Cincinnati, OH freshman at St. Xavier HS  
[www.stxavier-cincy.org](http://www.stxavier-cincy.org)  
total HF QRP CW contacts; ~54 WEB: [www.qsl.net/kc8kfi](http://www.qsl.net/kc8kfi)  
[andymeng@juno.com](mailto:andymeng@juno.com)  
SW40+, SB104 running 0-5W into a dipole at 12ft -- straight key or  
(occasionally) paddles  
projects: IR start timer for motocross practice track, restoring SB-104  
to semi-working  
condition -- DONE!, wirebrushing and painting tower, SMT G4WIF regen

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
End of QRP-L Digest 1604

\*\*\*\*\*  
-----